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Annual Edition

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Dreer's Garden Book 1915



TRADE MARK

HENRY A. DREER
714-716 CHESTNUT ST.
PHILADELPHIA

General Directions to Customers

PHILADELPHIA, JANUARY, 1915

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season in April and May delays are unavoidable, which, however, can be partly overcome by our patrons anticipating their requirements and ordering early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces, and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from seed orders; the departments are separate, but shipments of seeds, plants, etc., are made in one parcel where it is practical to do so, or where such combination will save our customers additional charges.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges, which are now very reasonable.

For those of our customers who live at a distance from an Express Office, making it more convenient for them to receive their goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost to cover postage, which must be added to the value of each order for Plants, Roots, or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.

To all points west of the Mississippi River, 20 per cent extra.

Heavy Plants, such as Azaleas, Boxwoods, Bay Trees, Camellias, Shrubs, Tree Roses, as well as the larger sizes of Palms and other ornamental foliage and flowering plants, cannot be sent by mail.

We strongly recommend our customers to have all their orders forwarded by Express, as our experience shows that this method is not only quicker and safer but also cheaper than Parcel Post, except on small packages.

CANADIAN SHIPMENTS.—Vegetable and Flower Seeds in packets and ounces are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. We can also send to Canada by Parcel Post packages weighing under 4 pounds 6 ounces. Customers wishing their orders sent in this way must remit 12 cents per pound for seeds, and 20 per cent of the value of orders for Plants, Bulbs and Roots to cover postage. Roses, Shrubs, Hardy Vines and Small Fruits cannot be sent by mail to Canada. These can only be sent by Express to permit of their being fumigated by the Canadian authorities.

LOCAL DELIVERY.—We deliver goods free in Philadelphia, Germantown, and Chestnut Hill. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation such goods as will be received by them.

PACKING.—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Philadelphia.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points in the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write your Name, Post Office, County and State; also give number of Street or P. O. Box as distinctly as possible; also the nearest Express Office; or, if on a Stage Route, send us special directions, giving us the name of the Express Company delivering goods.

CATALOGUES.—We send our customers three catalogues annually, viz.: Garden Book in January, Midsaummer Catalogue in July and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.

Seventy-seventh ANNUAL EDITION Dreer's Garden Book For 1915.

FROM a small beginning seventy-seven years ago, this business has developed into one of the **largest and most complete Seed, Plant and Bulb Establishments in the World.** This has been accomplished by supplying only the very best grade of goods and by a strict adherence to the broad principle of giving all purchasers the full worth of their money.

In no line of business is the experience which comes with the passing years of more value than in ours. But we do not base our claims for the support of the buying public merely on the fact that we have been established for over three-quarters of a century, but rather on the fact that we are at all times alive to the wants of customers, and that we have kept abreast of the times and in close touch with the Horticultural centres of the world. This is evidenced by the many valuable Novelties in Seeds, Plants and Bulbs which have been introduced or first offered in the United States by us.

At the present time we occupy three complete buildings in Philadelphia. The general offices and store located at 714 and 716 Chestnut Street, and an eight-story warehouse at 710 South Washington Square, which affords ample storage facilities and room for the careful and prompt filling of orders.

Our Plant and Seed Growing departments are located at Riverton, New Jersey, on the Delaware River, nine miles from Philadelphia. It comprises three Nurseries—Riverton, Riverview and Locust—with a total area of about 300 acres, all under high cultivation, and with over one hundred of the most modern greenhouses and numerous frames, the space covered by glass being over a half million square feet, or more than ten acres. This establishment is open for inspection every week-day, and well worth a visit, especially during the months of July, August and September, when the stock in the open ground is usually in full bloom.

This short sketch is given to show that we are not merely dealers in Seeds, Plants and Bulbs, but that **we are the actual producers of the great majority of the stock we offer, and as such are in a position to give better values than those who only sell what they buy from other growers.**

We take this opportunity of thanking our many customers for their generous patronage in the past, and to assure them that we will continue to do all in our power to merit a continuance of their confidence. Our organization and equipment are such that orders can be executed rapidly, **and we aim to give every order, no matter how small or how large, prompt and careful attention.**

The offerings of the various departments will be found in this book on the following pages: For complete Index see pages 2 and 3.

PAGES.	PAGES.		
Vegetable Seeds, New and choice sorts.....	4 to 9	Garden and Greenhouse Plants.....	115 to 165
" " " General List.....	10 to 40	Dahlia.....	128 to 146
Herb Seeds, Sweet, Pot and Medicinal.....	25	Roses.....	166 to 185
Vegetable Plants and Roots.....	251	Hardy Perennial Plants.....	186 to 232
Lawn Grass Mixtures.....	43	Hardy Shrubs.....	233 to 248
Grass and Clover Seeds.....	41 to 43	Hardy Climbers.....	244 to 248
Agricultural Seeds.....	44 to 47	Small Fruits.....	249 to 251
Flower Seeds, Novelties and Specialties.....	50 to 59	Aquatics and Water Lilies.....	252 to 260
" " " General List.....	60 to 113		

INDEX.

Vegetable Seed Specialties,
General List of Vegetable Seeds,
Herb Seeds,

Pages:
4 to 9 | Lawn Grass Mixtures,
10 to 40 | Grass Seeds,
25 | Agricultural Seeds,

Pages:
42, 43 | Bird Seeds,
41 to 43 | Clover Seeds,
44 to 47 | Vegetable Plants and Roots,

Pages:
47
41
251

INDEX of BOTANICAL names of FLOWER SEEDS and PLANTS offered in this Catalogue.

For Common or English names see opposite page.

	Plants or Seeds	Plants or Bulbs		Plants or Seeds	Plants or Bulbs		Plants or Seeds	Plants or Bulbs		Plants or Seeds	Plants or Bulbs
Abelia,	233	Cabomba,	260	Eugenia,	148	Lythrum,	91	Ricinus,	104	Plants or Seeds	163
Abies,	243	Cacalia,	69	Eucaris,	147	Macrura,	243	Rodgersia,	224		
Abutilon,	60	Caldium,	120	Enialia,	86	Magnolia,	239	Romneya,	225		
Acacia,	115	Calamus,	160	Endouimus,	288, 247	Mahonia,	239	Rosa,	160 to 185,		
Acema,	188	Caleocaria,	69	Eupatorium,	83	Maranta,	159	Rosmarinus,	104		243
Acalypha,	115	Caledula,	70	Euphorbia,	83	Marshallia,	214	Rudbeckia,	104		225
Acanthus,	115, 188	Calmeris,	195	Eurya,	148	Martinezia,	161	Sagittaria,	203		260
Achillea,	60	Callopis,	53, 70	Exochorda,	238	Matthiola,	92	Salpiglossis,	105		
Achyranthes,	115	Callirhoe,	195	Farfugium,	148	Maurandia,	92	Salvia,	57, 105		164, 225
Aconitum,	60	Calluna,	236	Festuca,	206	Medinilla,	159	Salvinia,	200		240
Acorus,	259	Caltha,	195, 259	Ficus,	148	Megasea,	226	Sambucus,	240		
Acrochitonum,	60	Calyanthus,	236	Fittonia,	148	Mertensia,	213	Sansevieria,	164		
Actinidia,	244	Campanula,	124	Forsythia,	238	Mesembryanthemum,	92	Santolina,	226		
Adenophora,	188	Campanula,	54, 71	Fuchsia,	148	num,	92	Sanvitalia,	106		
Adiumia,	60	Canaria,	72	Funkia,	204	Metrosideros,	159	Saponaria,	104		
Ailous,	189	Caryopteris,	196	Gaillardia,	84	Momordica,	93	Satureja,	226		
Ægopodium,	189	Caryota,	160	Gardenia,	151	Monardia,	214	Saururus,	226		
Æschynanthus,	115	Ceratium,	73	Gaura,	83	Monstera,	163	Saxifraga,	226		
Æthionema,	189	Celastrus,	245	Gentista,	151	Montbretia,	215	Scutellaria,	226		
Ætheopappus,	189	Celosia,	73	Gentiana,	204	Morinda,	206	Sedum,	227		
Agapanthus,	115	Centaura,	53, 74	Geranium,	84, 152, 204	Morosita,	206	Selaginella,	151		
Ageratum,	61	Cephalaria,	197	Geum,	84	Moschata,	214	Schizanthus,	106		
Aghoneima,	115	Ceratium,	73	Gilia,	204	Monstera,	214	Schizophragma,	248		
Agrostemma,	60	Cercis,	236	Giliastrum,	153 to 155	Monstera,	214	Siadopitys,	243		
Agrostis,	86	Cestrum,	124	Glechoma,	204	Monstera,	163	Scirpus,	260		
Ajuga,	189	Chamaedora,	160	Gloriosa,	151	Montbretia,	215	Scutellaria,	226		
Akebia,	244	Chamaelirium,	197	Gloxinia,	85	Morinda,	93	Musa,	153		
Alchemilla,	189	Chelone,	197	Glycosia,	85	Moschata,	94	Myrsinum,	215		
Allamanda,	115	Chionanthus,	236	Gomphrena,	84	Moschata,	206	Myrsiphyllum,	107		
Aloysia,	111	Chrysanthemum,	198	Grevillea,	85	Moschata,	256	Neolumbinum,	253		
Aristromeria,	116	Clinicifuga,	197	Gunnera,	204	Nepenthes,	159	Neptea,	204		
Alternanthera,	116	Cineraria,	73	Gynerium,	86	Nepenthes,	159	Nephrosperma,	161		
Althea,	223, 243	Cissus,	124	Gypsophila,	55, 86	Nepenthes,	205	Nephritis,	159		
Alvissimo,	61	Clarkia,	76	Helianthemum,	86	Nicotiana,	94	Nicotiana,	107		
Amaranthus,	61	Claytonia,	199	Helianthus,	87	Nierembergia,	215	Solidago,	85		227
Amaranth,	116	Clematis,	124, 199	Helichrysum,	87	Nierembergia,	94	Spigelia,	228		
Amaranth,	116	Chrysanthemum,	54, 75, 125, 126,	Heiliconia,	156	Nymphaea,	256	Spiraea,	228, 241,		
Amorphia,	234	Cleome,	76	Heliotropis,	56, 87	254 to 260		Stachys,	228		
Amorphophallus,	116	Clerodendron,	126	Heliotrope,	56, 88			Staphylea,	241		
Amplexopistis,	61	Clethra,	236	Heloborus,	207			Statice,	107		
Anacharis,	260	Clivia,	126	Hemerocallis,	208			Steanthium,	228		
Ananas,	117	Colocas,	77	Hepatica,	208			Stemonia,	164		
Anchusa,	62	Coconuts,	160	Hernaria,	208			Stevensonia,	161		
Andromeda,	234	Coix,	86	Herperis,	110			Stevia,	107		
Anemone,	62	Coleus,	76	Heuchera,	88			Stipa,	86		
Anemoneopsis,	191	Coccosia,	126	Hibiscus,	56, 86, 156, 209			Stigmaphyllon,	164		
Anthemis,	62	Convallaria,	199	Hieracium,	210			Stokesia,	107		
Anthericum,	117, 191	Convolvulus,	76	Hippocrateum,	116			Stokesia,	229		
Anthurium,	53, 62	Corydalis,	236	Houttonia,	210			Swainsona,	164		
Antirrhinum,	53, 62	Corydalis,	199	Humulus,	89			Symporicarpus,	241		
Aplos,	245	Cornualla,	169	Humemaniia,	89			Sympathyrum,	229		
Aplopogeton,	259	Cornus,	236	Hyacinthus,	156			Tigridia,	164		
Aquilegia,	63	Cosmos,	54, 78	Hydrangea,	157, 158,			Torenia,	110		
Arabis,	63	Cotoneaster,	236	Hydrostachys,	238, 243			Thunbergia,	110		
Aralia,	117, 192, 244	Crataegus,	237	Hyphorbæ,	160			Tradescantia,	230		
Araucaria,	117	Croton,	127	Hyperbæ,	210			Trapa,	242		
Arctotis,	63	Cryptomeria,	243	Hypericum,	210			Taxus,	248		
Ardisia,	117	Curcuria,	127	Iberis,	72, 80			Teucrium,	229		
Areca,	160	Cyclamen,	77	Ichnanthus,	210			Tetragonia,	229		
Arenaria,	192	Cyperus,	127, 259	Incavillea,	210			Thlaspi,	242		
Argemone,	62	Cytisus,	237	Inula,	210			Thymus,	220		
Aristolochia,	245	Daimonoprops,	160	Iponmea,	55, 77, 89			Tiarella,	230		
Armeria,	63	Dahilia,	78	Iris,	90			Tiophox,	98		
Arrenatherum,	208		128 to 130	Iris,	210 to 212			Tropaeolum,	69, 94, 95		
Artemisia,	192	Daphne,	237	Iris,	212			Tunica,	111		
Arundo,	208	Decidaria,	82	Ismene,	158			Uniola,	86		
Asclepias,	117, 193	Deckeria,	160	Isolepis,	158			Valeriana,	111		
Asparagus,	63	Delphinium,	54, 79, 90	Itea,	238			Vallisneria,	260		
Asphodelus,	193	Desmodium,	237	Ixora,	158			Vallota,	165		
Asperula,	193	Dianthus,	237	Jasminum,	158			Verbena,	111		
Aspidistra,	118	Dianthus,	80, 81, 201, 222,	Juniperus,	243			Veronica,	231		
Aster, 51-52, 64-67	118, 193	Dianthus,	110	Jussiaea,	259			Verschaffeltia,	161		
Astilbe,	193	Dicentra,	201	Kalmia,	238			Viburnum,	222		
Astrantia,	193	Dicotamus,	201	Kentia,	160, 161			Victoria,	253		
Aubertia,	193	Dieffenbachia,	147	Kerria,	236			Villarsia,	250		
Auricula,	102	Digitalis,	201	Kochia,	90			Vicia,	111		
Azalea,	118, 234	Dolichos,	82	Lagerstroemia,	158			Vinca,	165		
Bacccharis,	234	Dimorphanthus,	237	Lantana,	90			Vincentia,	111		
Bactris,	160	Dimorphotheca,	82	Lapageria,	158			Vitis,	242		
Balsam,	68	Dioscorea,	245	Latania,	161			Viola,	248		
Bambusa,	205	Dolichos,	82	Lathyrus,	90			Violaceae,	111		
Baptisia,	193	Doronicum,	202	Lavandula,	90			Viscaria,	112		
Begonias,	68	Draba,	201	Leet,	158			Vitex,	242		
Bellis,	69	Dracena,	82	Liatris,	91			Vitis,	248		
Berberis,	234, 243	Echeveria,	147	Ligustrum,	238, 243			Walpurga,	111		
Bignonia,	245	Echinocystis,	82	Lilium,	213			Wendella,	242		
Bletia,	195	Echinops,	202	Linnanthemum,	259			Wistaria,	248		
Bocconia,	68	Eichornia,	259	Linnocarlis,	259			Zephyanthes,	165		
Boltonia,	68	Ekianthus,	237	Linaria,	91			Zinnia,	50, 113		
Bougainvillea,	118	Elegans,	237	Lindelofia,	212			Zizania,	206		
Boussingaultia,	245	Elaeis,	160	Linum,	91			Rhus,	246		
Bouvardia,	118	Eomecon,	202	Lithospermum,	213			Richardia,	124		
Brachycome,	69	Epimedium,	202	Livistona,	161			Yucca,	232		
Briza,	86	Erianthus,	86	Lobelia,	91			Zea,	57		
Browallia,	69	Erica,	237	Lonicera,	238			Rodanthe,	104		
Brugmansia,	82	Erigeron,	202	Ludwigia,	260			Rhododendron,	240		
Bryonia,	69	Eryngium,	82	Lupinus,	91			Rhododendron,	240		
Buddleia,	235	Erysimum,	82	Lycchnis,	91			Rhododendron,	240		
Buxus,	236	Eschscholtzia,	83	Lycium,	247			Rhus,	246		
				Lysimachia,	214			Richardia,	124		

INDEX OF COMMON or ENGLISH Names of FLOWER SEEDS and PLANTS offered in this Catalogue.

The common names have been compiled from the best American and English sources, but as there is a certain amount of confusion in regard to some of them, two different plants often bearing the same common name, it is well in ordering to use the botanical names given on opposite page.

Plants or Seeds Bulbs	Plants or Seeds Bulbs	Plants or Seeds Bulbs	Plants or Seeds Bulbs	Plants or Seeds Bulbs	Plants or Seeds Bulbs	Plants or Seeds Bulbs
Aaron's Beard, 226	Cinnamon Vine, 245	Gold Tuft, 61	189	Meadow Beauty, 224	Sea Pink, 63	192
Abyssinian Banana, 93	Guindifol, 223	Golden Bell, 233	189	Meadow Rue, 229	Seal Flower, 201	201
Adam's Needle, 232	Climbing Fumi- to, 60	" Chain, 237	237	" Sage, 225	Sensitive Plant, 93	198
African Daisy, 63, 82	Climbing Hy- drangea, 248	" Elder, 240	240	" Sweet, 228	Shasta Daisy, 75	198
Allegheny Vine, 60	Climbing Lily, 151	" Moss, 227	227	Mexican Fire Plant, 83	Shell Flower, 164, 197	197
Almond, 239	Cockscomb, 73	" Rain, 237	237	Mexican Poppy, 62	Silver Oak, 85	244
Alum Root, 88	Columbine, 63	" Rod, 227	227	Michelmas Daisies, 67	Skull-cap, 226	226
American Ivy, 244	Comfrey, 191	Goosberries, 249	249	Mignonette, 93	Smokt Tree, 240	240
" Senna, 196	Coneflower, 104	Gourds, 85	85	" Vine, 245	Snake-root, 197	197
American Germander, 229	Coreopsis, 208	Grape Vines, 250	250	Milfoil, 60	Snaphdragon, 53, 62	117
Amethyst, 69	Coral Beads, 208	Grasses, 55, 86	206	Milkweed, 117, 193	Sneeze-wort, 86	207
Angelica Tree, 234, 237	Cornelian Cherry, 236	Great Reed, 203	203	Milk-wort, 203	Snowball, 242	242
Annual Poin- settia, 83	Cornflower, 53, 74	Grecian Corn- flower, 197	197	Mock Orange, 85	Snowberry, 241	241
Annual Mar- guerite, 75	Aster, 107	Hawthorn, 74	74	Money-wort, 214	Show-in-Summer, 73	197
Arctic Daisy, 198	Corn Marigold, 75	Gromwell, 213	213	Monkey Flower, 93	Show-on-the- Mountain, 83	197
Asphodel, 193	Coventry Bells, 196	Ground Ivy, 204	204	Mouskwood, 60	Soap-wort, 226	226
Auricula, 102	Cowslip, 77	Groundsel, 204	227	Mouskwood, 60	Solomon's Seal, 222	222
Avens, 84	Crape Myrtle, 158	Gelder Rose, 241	242	Moonflower, 89	Southernwood, 192	192
Baby's Breath, 55, 86	Crape Jenny, 214	Hardy Ferns, 207	207	Moonpenny, 158	Speedwell, 231	231
Bachelor's Button, 74, 84	Crowfoot, 224	Hawthorn, 203	203	Mourning Bride, 106	Spider-wort, 230	230
Balloon Flower, 99	Cup Plant, 227	Hedge Plants, 243	243	Mother of Thou- sands, 91	Spring Beauty, 199	199
Balsam Apple, 93	Cup Flower, 215	Helmet Flower, 60	188	Mosquito Plant, 223	St. Bruno's Lily, 191	191
" Pear, 93	Cups and Saucers, 77	Hermes Club, 234	234	Mountain Feather Fleece, 228	St. John's-wort, 210	210
Bamboo, 205	Currants, 249	Hollyhocks, 56, 88	209	" Fringe, 60	Standing Cypress, 90	90
Barberry, 234, 243	Cypress Vine, 77	Heath, 237	237	" Laurel, 238	Star-wort, 67	194, 195
Barren-wort, 202	Dalechampia, 208	Heather, 236	236	" Pink, 220	Stocks, 107	107
Basket Flower, 74	Devil-in-the- Bum, 94	Hedge Plants, 243	243	Mourning Bride, 106	Stone-crop, 227	227
Basket of Gold, 61	Devil's Walking- stick, 234	Helmet Flower, 60	188	Mother of Thou- sands, 91	Strawberry Shrub, 236	236
Beard-tongue, 99	Dogwood, 236	Hermes Club, 234	234	Mullein Pink, 60	Strawberries, 250, 251	251
Bear's Breech, 188	Dragon Plant, 82	Honeyesuckle, 238, 247	247	Nancy Pretty, 93	Sultan's Balsam, 89	89
Bee Balm, 214	Dustwort, 228	Hop Vine, 89	89	Nasturtium, 94, 159	Sumac, 240	240
Bellflower, 71, 99	Dusty Miller, 73, 74	Horn of Plenty, 82	82	New Zealand Burr, 188	Summer Lilac, 235	235
Belvidere, 90	Dutchman's Pipe, 245	House Leek, 227	227	Night-blooming Jessamine, 124	Sunflower, 87	87
Bergamot, 214	Eastern Poppy, 202	Humble Plant, 93	93	" Rose, 207	Sun Plant, 102	102
Bethlehem Sage, 224	Elephant's Ear, 120	Hyacinth Bean, 82	82	" Swan River Daisy, 69	Swan River Daisy, 69	69
Betony, 228	Elephant Poppy, 202	Ice Plant, 92	92	" Ever- lasting, 104	" Ever- lasting, 104	104
Bishop's Hat, 202	Eel Grass, 228	Immortelle, 112	112	Sweet Peas, 58, 59, 108,	Sweet Peas, 58, 59, 108,	108
" Weed, 189	Egantine, 183	Indian Currant, 241	241	" Man, 109	" Alyssum, 61	116
Bitter Sweet Vine, 245	Paper Plant, 259	" Shot, 72	121 to	" Woman, 192	Brier, 183	183
" Vetch, 215	Parcifolia, 120	" Toad Lily, 230	230	Orange Sun- flower, 56, 87	Flag, 259	259
Blackberries, 249	Parrot's Beak, 118	" Windflower, 190	190	Olive, 159	" Olive, 159	159
Blackberry Lily, 215	Evergreen, 243	Japan Quince, 239, 243	243	Pepper Bush, 236	" Pepper Bush, 236	236
Black-eyed Primrose, 215	Evergreen Thorn, 237	Japan Quince, 239, 243	243	Osage Orange, 243	Rocket, 110	210
Susan, 110	Evening Glory, 89	" Rush, 206	206	Oswego Tea, 214	Scabious, 106	106
Bladder Nut, 241	Primrose, 215	Japanese Bellflower, 99	222	Peony, 216, 217	Sbrub, 236	236
Blanket Flower, 81	" Pea, 90	Hop, 89	89	Painted Daisies, 75	Sultan, 74	74
Blazing Star, 91	Catnip, 247	Ivy, 247	247	" Leaf, 83	William, 57, 81,	81
Bleeding Heart, 201	Celandine, 224	Jacobs Ladder, 222	222	" Tongue, 105	William, 57, 81,	81
Blue Bells, 214	" Pea, 90	Jacobean Lily, 116	116	Palms, 160, 171	" Woodruff, 193	193
" of Scotland, 196	Fair Maids of France, 224	Jacob's Ladder, 222	222	Pansy, 96, 112	Tamarisk, 242	242
Blue-bottle, 74	Fairy Lily, 165	Jacobs Ladder, 222	222	Paris Daisy, 126	Tassel Flower, 69	69
" Bonnet, 106	Fairy Wallflower, 82	Judas Tree, 236	236	Parlor Ivy, 164	exan Pride, 98	98
" Butterfly, 79	False Chamomile, 68	Kaiser Blume, 74	74	Parrot's Feather, 259	Thorough-wort, 83	203
" Cowslip, 224	" Dragon- head, 99	Kenilworth Ivy, 91	91	Passque Flower, 190	Thrift, 63	192
" Dawn Flower, 158	head, 99	Knot-weed, 223	223	Peach Bells, 71	Tiger Flower, 164	164
" Sage, 105	Indigo, 195	Kudzu Vine, 99	99	Pearl Bush, 238	Toad-flax, 212	212
Bluetts, 74	" Wall-cress, 224	Jasmine, 158, 247	247	Periwinkle, 111	Torch Lily, 111	230
Blue-eyed Grass, 227	Ferns, 149 to 151	Jerusalem, 214	214	Peruvian Daffodil, 158	Trailing Myrtle, 232	232
Boston Ivy, 61	Feverfew, 92	Jerusalem Cross, 91	91	Pickerel-weed, 260	Tree Celandine, 68	195
Bottle Brush, 159	Fiery Thorn, 237	Joe's Coat, 61	61	Pineapple, 117	Trumpet Vine, 245	245
Bouncing Bet, 104	Flame Flower, 111	Judas Tree, 236	236	Pinks, 80, 81	" Flower, 82	82
Bowman's Root, 204	Flax, 91	Kaiser Blume, 74	74	Pincushion- flower, 106	Tuberoses, 164	164
Boxwood, 236	Flea-bane, 202, 210	Kenilworth Ivy, 91	91	Pitcher Plant, 159	Tuberose-flowered Tobacco, 94	94
Brazilian Golden Vine, 164	Fleur-de-Lis, 90	Knot-weed, 223	223	Plantain Lily, 204	Turk's Herb, 208	208
Bridal Wreath, 214	Flu. 210 to	Kudzu Vine, 99	99	Plum Poppy, 68	Umbrella Plant, 127	127
Bugle, 189	Garden Helio- trop, 69	Laceleaf Plant, 212	212	Polyanthus, 56, 99	Valerian, 111	231
Bugloss, 62	Foam Flower, 230	Lady's Slipper, 68	68	Pomegranate, 163	Violets, 165, 222	222
Burning Bush, 238	Forget-me-not, 94	Larkspur, 54, 79, 90	200	Poppy, 56, 100 to 102	Virginia Creeper, 244	244
Bush Eschscholt- zia, 89	Giant Arrowhead, 260	Lavender, 90	212	" Mallow, 195	Virgin's Bower, 246	246
Buttercup, 224	Flower of Jove, 189	" Cotton, 226	226	Pot Marigold, 70	Wake Robin, 231	231
Butterfly Flower, 106	Flowering Flag, 90	Lead-wort, 222	222	Prickly Poppy, 62	Waldmeister, 193	193
" Shrub, 235	Flu. 210 to	Lemon Verbena, 111	111	Prinrose, 57, 102, 103	Wallflower, 112	222
" Weed, 193	Forstmannia, 203	Leopard Plant, 148	148	Prinrose, 57, 102, 103	Washington Grass, 260	260
Button Weed, 197	Four O'Clocks, 92	Leopard's-bane, 202	202	Poppy, 56, 100 to 102	Water Arum, 259	259
Calico Bush, 238	Foxglove, 79	Lilac, 241	241	" Mallow, 195	Chesnut, 260	260
California Poppy, 83	Fringe Flower, 106	Lily, 213	213	Pot Marigold, 70	Chinquepin, 253	253
" Tree Poppy, 225	Fruit Flower, 230	" of the Nile, 115	115	Prinrose, 57, 102, 103	Hyacinth, 259	259
Calla, 124	Gardenia, 115	" Paiae, 116	116	Prinrose, 57, 102, 103	Lettuce, 260	260
Campion, 91	Giant Arrowhead, 260	" Valley, 199	199	Prinrose, 57, 102, 103	Lilies, 256	256
Canary Bird Vine, 69	Goat's-beard, 224	Valley Shrub, 234	234	Prinrose, 57, 102, 103	257 to	257
Cardy-tuft, 72, 89	" Spider, 224	Liver-leaf, 208	208	Poppy, 56, 100 to 102	Poppy, 259	259
Canterbury Bells, 54, 71	Flower, 76	Lizard's-tail, 260	260	" Snowflake, 259	" Snowflake, 259	259
Cape Hyacinth, 156	Gas Plant, 201	London Pride, 202	202	Wax-work, 245	Wax-work, 245	245
" Jezzamine, 151	Gay Feather, 91	" Tufts, 110	229	White Alder, 236	White Alder, 236	236
" Marigold, 70	Gentian, 204	Loose-strife, 91	214	" Fringe, 236	White Fringe, 236	236
" Pond Weed, 259	Germania, 164	Lotus, 231	231	Whitlow Grass, 201	Whitlow Grass, 201	201
Cardinal Climber, 55, 89	Goat's-beard, 224	Love-in-a-Mist, 94	94	Wild Celery, 260	Wild Celery, 260	260
" Flower, 91	" Daisy, 57, 103	" Puff, 68	68	" Cucumber Vine, 82	" Cucumber Vine, 82	82
Carnation, 72, 124, 196	" Spider, 224	Marguerite, 75	191	Rice, 260	Rice, 260	260
Carolina Pink, 228	Flower, 76	Marguerite, 75	191	Roundheads, 197	Windflower, 62	62
Castor Oil Bean, 101	Water Weel, 260	Marguerite, 56, 92	209	Rubber Plant, 148	Winter Savory, 226	226
Cat Tail, 260	" Yellow Tulip, 201	Marsch Mallow, 56, 88	209	Sand-wort, 192	Wolf's-bane, 60	188
Catchfly, 227	Poppy, 89	" Margarold, 56, 88	209	Satin Flower, 88	Woodbine, 247	247
Chaste Tree, 242	Poppy, 89	Marvel of Peru, 92	235	" Lily, 227	Woolly, 231	231
Cherry Pie, 56, 88	Globe Amaranth, 84	Master-wort, 193	193	Scarborough Lily, 165	Wound-wort, 228	228
Chilian Lily, 189	" Flower, 231, 236	Matilija Poppy, 225	225	Scarlet Runners, 104	Yarrow, 60	60
" Rhubarb, 204	" Thistle, 202	Matilija Poppy, 225	225	" Sage, 105	Youth and Old, 188	188
Chimney Bell- flower, 71	May Apple, 228	Matromony Vine, 247	247	" Sage, 105	Age, 50, 113	165
Chinese Lantern Plant, 221	May Apple, 228	May Apple, 228	228	Screw Pine, 162	Zanzibar Balsam, 89	89
Christmas Rose, 207	May Weed, 83	May Weed, 75	75	Sea Holly, 82	Sea Holly, 82	82
				Sea Lavender, 107	Sea Lavender, 107	107

NEW AND CHOICE VEGETABLE SEEDS



KEENEY'S STRINGLESS REFUGEE BEAN.

The originator of this new strain of Green-pod Refugee has been working for more than twenty years to get the string out of the old Thousand-to-one Refugee Bean, and has succeeded in eliminating it entirely, having produced a "Stringless Refugee." The plant grows to a large size and is enormously productive, one plant having borne 56 well-developed pods. The shape of pod is round, size medium to long, slightly curved, medium green in color and very brittle, remaining so until nearly old enough to shell. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per page 11); 4 qts., \$1.25; peck, \$2.25.

KENTUCKY WONDER WAX POLE BEAN.

A yellow-podded "Kentucky Wonder," which bears a large quantity of rich, golden-yellow pods from the time the plant is about half-grown until it is killed by frost in the fall. The plant makes a quick, healthy growth, and, like "Kentucky Wonder," it is exceedingly productive, bearing large pods, which are thick, meaty, stringless; very tender, and have a fine flavor when cooked. This variety is bound to gain in favor both for the home garden and for market. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per page 11); 4 qts., \$1.25; peck, \$2.25.

EARLY MODEL BEET.

This is a fine selection of blood-red Beet, extremely smooth, fine rich color and desirable shape, and makes a rapid growth, maturing very early. It is globe shape and the color of flesh a rich blood-red. In quality it is most excellent, being sweet, tender and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed, and it retains all the good qualities either when grown under glass or outside. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., \$1.50.

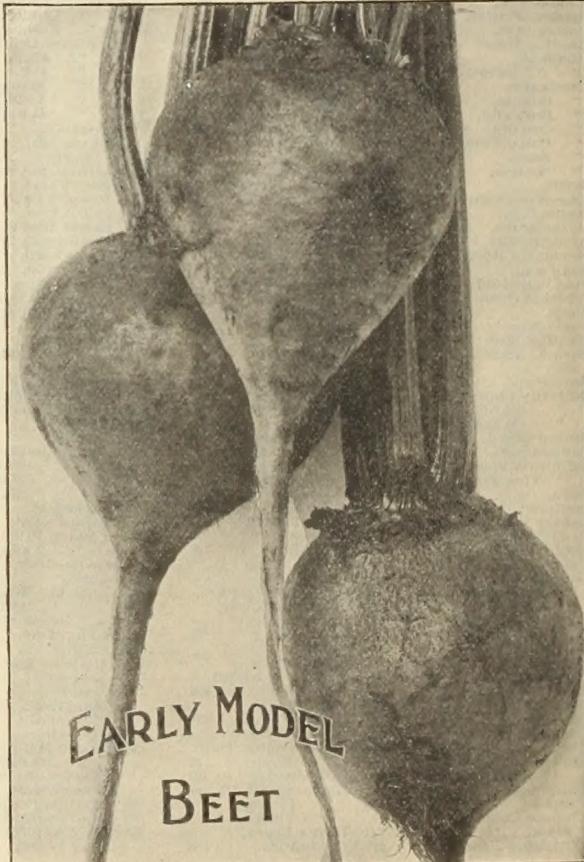
DARK-LEAVED GLOBE BEET.

This excellent variety of Beet was offered by us for the first time in 1910, and has given satisfaction wherever planted. It is a splendid type of the blood-turnip variety, the originator, in making his selections, having in mind an ideal Beet combining good quality with the beautiful globe shape. The extremely dark foliage of this new variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it one of the most attractive varieties. The quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., \$1.50.

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SMALL EXTRA EARLY JERSEY WAKEFIELD CABBAGE

This variety does not produce as large a head as the original Jersey Wakefield Cabbage, but matures earlier. It is very hardy, and while the heads are small they are solid and firm, and the quality is fully equal to the well-known "Jersey Wakefield." As a first-early Cabbage this variety will prove satisfactory not only on account of its earliness, but because of its tenderness and fine flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{2}$ lb., \$1.25.

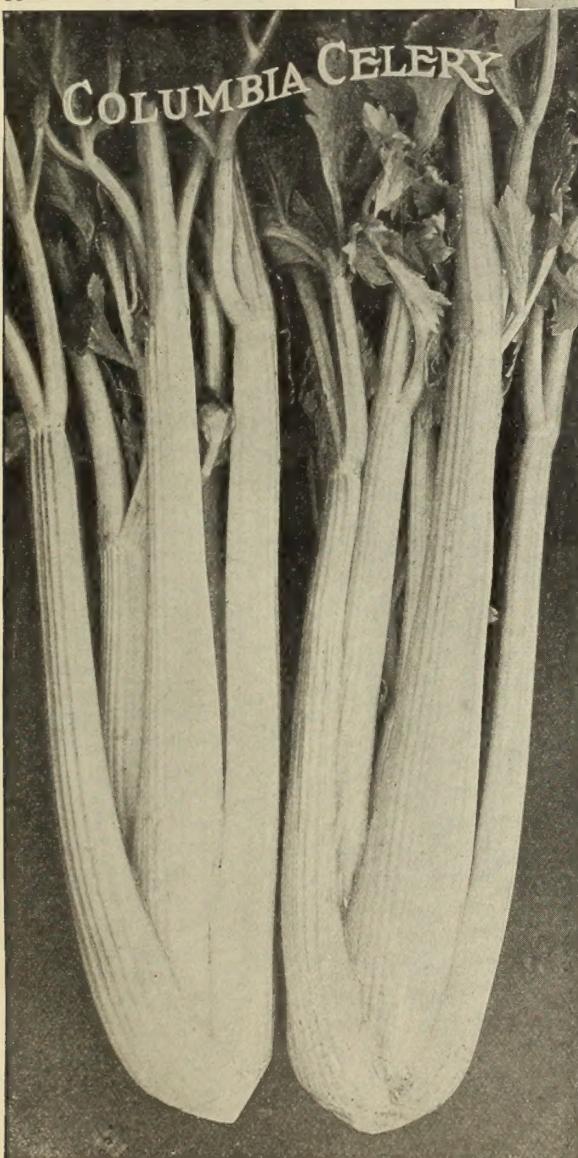


**COPENHAGEN MARKET
CABBAGE.**

This new variety from Denmark will soon command the attention of those who grow for early market, as well as the private growers who desire an extra early, round-headed Cabbage which can be depended upon for making large, solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, light green leaves, and of excellent quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden, and it matures so uniformly that the entire crop is ready for cutting at one time. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

**DANISH ROUNDHEAD
CABBAGE.**

Matures earlier than the Danish Ball Head; heads are round, have a short stalk, and are very hard. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



CHINESE, OR CELERY CABBAGE

This vegetable is called Pe-Tsai, or Cut Cabbage, by the Chinese gardeners, and is beginning to attract attention in America. It does not form a cabbage-head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used during its growth. The flavor is mild, and it is used either as a salad or cooked. The plants require plenty of room, and should be set in rows 3 feet apart and 2 feet apart in the row. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

**DREER'S
PERFECT FORCING CARROT.**

Introduced by us a few years ago, this variety of Carrot has become quite popular, and each year shows an increasing demand for the seed. It is a fine, half-long variety, beautiful bright scarlet, transparent, crisp and almost without a core. Remarkably small top, and can be planted very close in frame. It also does well grown in the open ground. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

DRY-WEATHER CAULIFLOWER

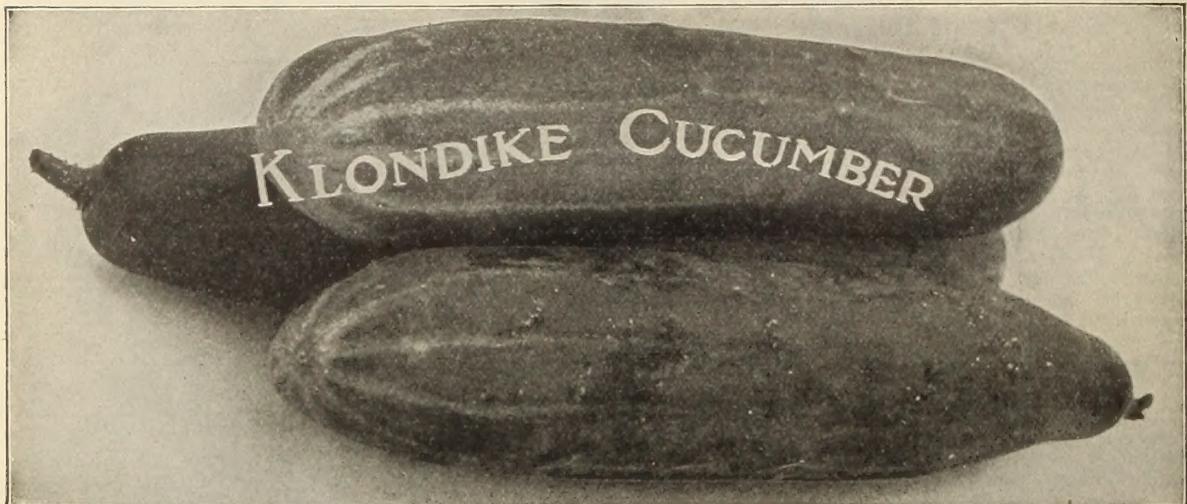
A fine variety of Cauliflower, especially adapted for sections subjected to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. It will prove valuable for growing in the Southern States, where the climate is hot and long seasons of dry weather are experienced. Pkt., 20 cts.; $\frac{1}{4}$ oz., \$1.00.

COLUMBIA CELERY.

An exceptionally fine, early variety, which for size and shape is unsurpassed. The plant is of medium height, but very stocky. Stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching, which it resembles very much when trimmed and bunched. It matures early, and its exceedingly fine flavor and crispness will please even the most critical. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.75.

WINTER KING CELERY.

The excellent long-keeping qualities of this variety make it one of the most desirable for winter use, as it may be left in the trench for a long time, and will come out in fine condition. The plants make a stocky growth, producing stout stalks, which blanch up beautifully. The quality and flavor of this variety equal any of the green celeries. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.



KLONDIKE CUCUMBER.

This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

DREER'S ARISTOCRAT SUGAR CORN.

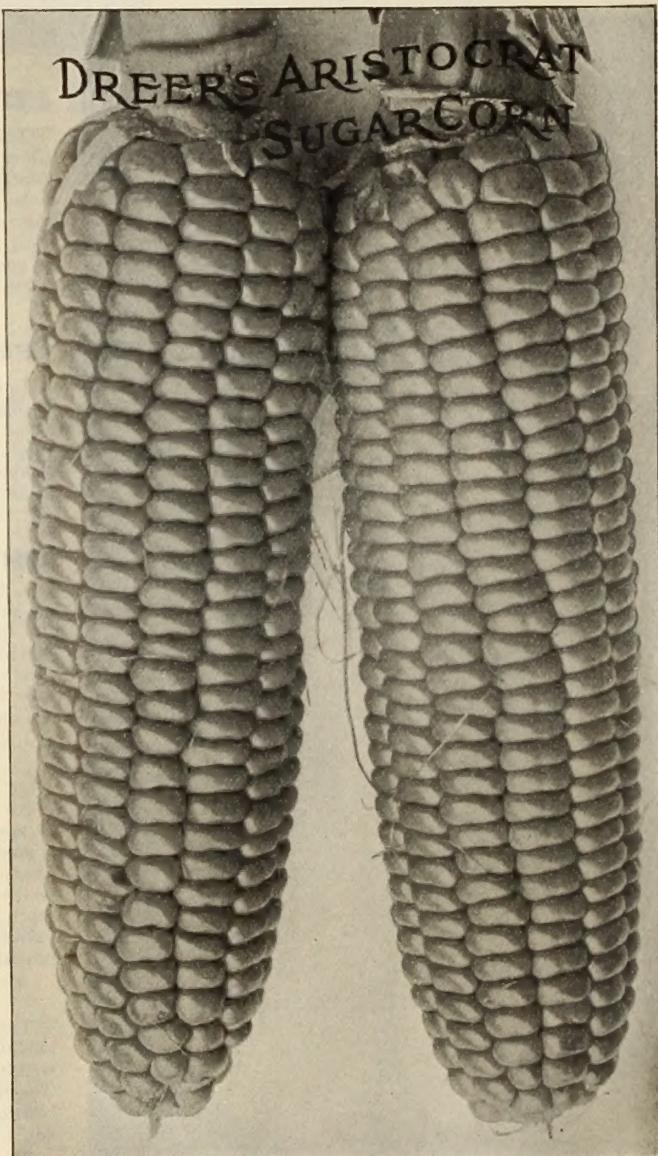
This delicious Sweet Corn was first introduced by us a few years ago. It is a reliable extra early sort, which was for many years controlled by a prominent gardener who supplies truck to the aristocrats of Newport, R. I. He would not allow any of the seed to get into the hands of his competitors, thus having a monopoly, and as it was the finest Sweet Corn that came to the market, he found no difficulty in disposing of all he raised. It is an extra early variety, ripening with the Cory; stalks grow 4 to 6 feet high and ears are of large size, measuring 8 to 10 inches in length. The grains are extremely sweet, and, being decidedly broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (If pints or quarts are wanted by Parcel Post add postage as per page 22); 4 qts., \$1.10; peck, \$2.00.

GOLDEN DAWN SUGAR CORN.

A few years back there was much prejudice against yellow-grained Sugar Corn, but owing to the delicious quality of the newer varieties of recent introduction, they are rapidly gaining in popularity. This is an extra early yellow-grained variety, but when one gets the sweet, delicious taste, the color of grain is forgotten. Stalks about 5 feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. Pkt., 10 cts. by mail. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (If pints or quarts are wanted by Parcel Post add postage as per page 22); 4 qts., \$1.10; peck, \$2.00.

FINOCCHIO, OR FLORENCE FENNEL.

A delicious vegetable which should be more largely grown in this country. It is extensively used in Italy as a salad, and also may be served boiled. When the enlargement of leaf stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about ten days cutting may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweet taste and delicate odor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.



**DREER'S IMPERIAL
LONG-STANDING KALE.**

A beautifully curled and crimped variety which is of strong, vigorous habit, perfectly hardy, bright green color and very attractive appearance. The plant is of spreading habit of growth, the leaves are large and furnish an abundance of greens during the fall, winter and spring. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DREER'S PRIZETAKER LEEK.

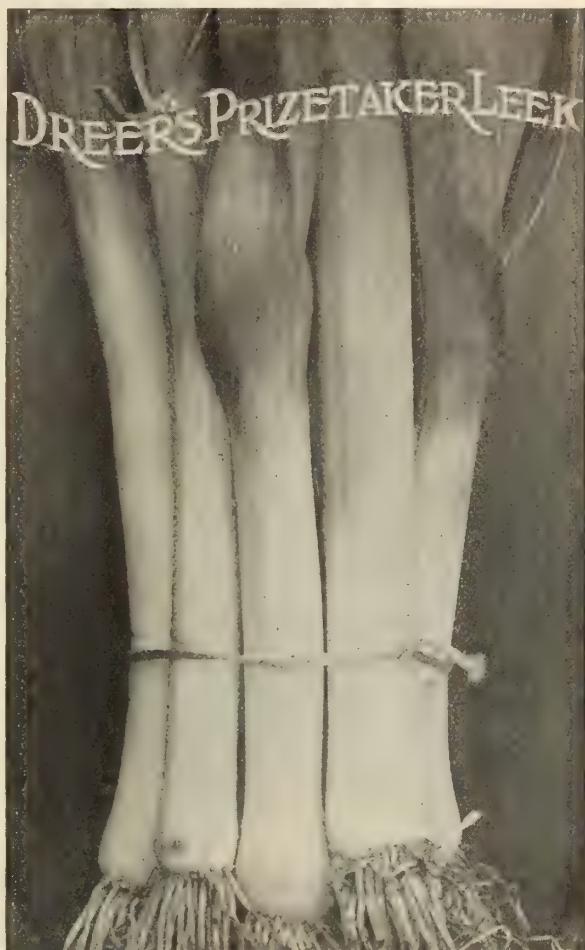
A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick and are pure white in color. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

**FRENCH
UNRIVALLED LETTUCE.**

A sure-heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. A good Lettuce to grow at any season of the year, outside in spring and summer and under glass in winter. The seed we supply was secured from the originator in France, and is much better than the American strain of "Unrivalled" Lettuce. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

**DREER'S
"WONDERFUL" LETTUCE.**

We were fortunate in being the introducers of this valuable variety, and the fact that many of those who purchased the seed of "Wonderful" the first time it was offered have continued to include it in their order each spring is an indication of its pleasing qualities. It has become a popular variety, particularly in the South, where it withstands extreme heat and forms perfect heads of enormous size, which resemble cabbage in their solidity, measuring from 12 to 15 inches across, and frequently weighing 2 and 3 pounds each. The quality is superb, being crisp, rich and tender, and it can be depended upon for all seasons. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

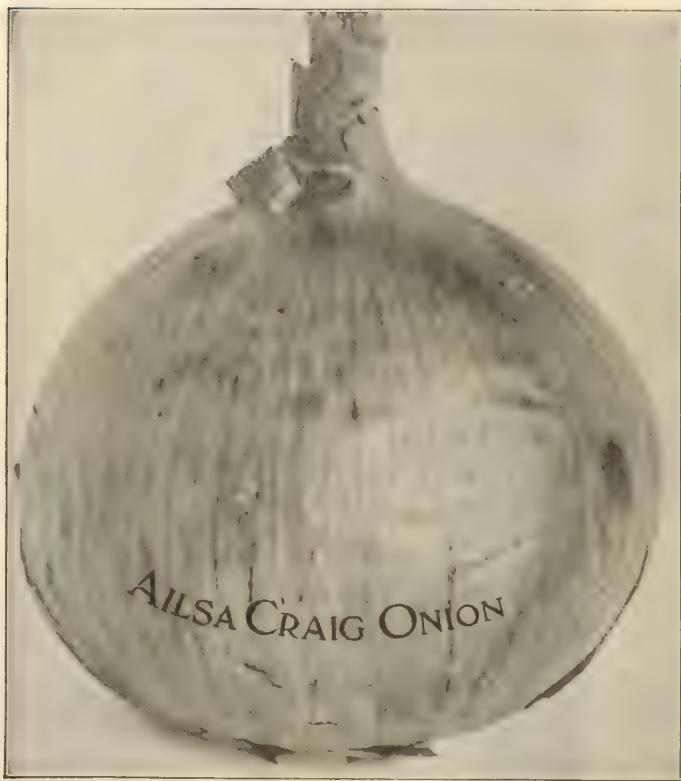


BUSH MUSKMELON.

A very striking feature of this variety of Muskmelon is that the plant grows in bush form, thus making it desirable for growing in the small garden where space for the vining sorts cannot be spared. The plant makes a vigorous growth and is very productive, bearing a large number of melons, which are of about the same size and shape as the well-known Jenny Lind, with green flesh and a delicious flavor. A few hills will supply an abundance of melons, as it can be planted in hills 3 feet apart, and will produce nearly double the crop of vine sorts planted on same area. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

**HOODOO
MUSKMELON.**

As a Muskmelon for the private garden, this variety will surely please all who plant it. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious Muskmelons one can imagine. The Melons are not large, but of convenient size for table use, and present a fine appearance. The rind and flesh at blossom end are very firm, the skin is thickly netted, and the flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



YELLOW ICE CREAM WATERMELON.

This unique Watermelon is aptly described in a letter received from Mr. E. Stanley Brown, Horticulturist, East Moriches, N. Y., in which he writes: "After repeated trials, covering four years, I have no hesitancy in stating that Yellow Ice Cream is the 'par excellence' of all Watermelons. The vines are strong, inclined to overbear, and whether fully grown or undeveloped, there seems to be no difference in their high quality, being exceedingly sweet and crisp. The flesh is bright golden-yellow, skin beautiful green and shape elongated. Our household preferred it to any of several other varieties grown, and found that by laying them on the barn floor, away from the chilly blasts, they kept well into the winter. If I could have only one variety of Watermelon it would be Yellow Ice Cream." Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

AILSA CRAIG ONION.

A very large, yellow-fleshed variety of Onion which is popular with English gardeners. It resembles the American variety, "Prizetaker," but will grow much larger and more globular in form. The skin is an attractive straw-color, flesh is mild, and the Onions keep remarkably well for such large size. It will prove valuable to those who grow Onions for exhibition purposes, as it is the most attractive and showy Onion that can be grown. For producing the largest and best Onions, it is best to sow seed in the hothed early in spring and transplant when of sufficient size. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

FOUR FINE VEGETABLES.

See colored plate opposite.

EARLY FORTUNE CUCUMBER.

Cucumbers of the "White Spine" type are most desirable on account of their attractive appearance and good quality. This new variety was originally discovered in a field of "Davis Perfect," and is now so thoroughly established that large fields do not show any variation either in plant or fruit. The Cucumbers are slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp. A remarkable feature of this variety is the strong growth of the vines, which enables it to successfully withstand blight and bring the fruits to their full size and perfection. "Early Fortune" Cucumber is one of the best that has been introduced in years, and will soon take the place of many old-time strains of White Spine Cucumber. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DELICIOUS GOLD LINED MUSKMELON.

Growers of muskmelons, both for home use and for market, will be delighted with "Delicious Gold Lined," as it is truly a thoroughbred in every sense of the word. The melons are of the same size as "Rockyford," the variety having been selected from that well-known melon, but specimens run more uniform as to size and shape, which is nearly round, and the skin is covered with a thick netting of a grayish color, adding much to the appearance of the melon. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. The vines are very productive and the melons mature early, thus making it desirable both for the home garden and for shipping, as it is of a size which is especially suited for crating. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

BUTTERCUP PEA.

Concerning this new variety our grower writes us that after testing many new Peas brought out in Europe, the most interesting variety is "Buttercup," which exceeded all others, both in productiveness and high quality. Our own test verifies his statement, and we are now pleased to offer it to our customers, knowing that it will satisfactorily fill the gap between the early wrinkled sorts and the late varieties. The vines make a rapid growth to about 2 feet in height, and are of a medium green color, very healthy, and produce an astonishingly large crop of pods, matured and ready for use in about sixty-five days from time of planting. The pods are long, rounded or curved at the end, and well filled with large peas, which are very sweet and tender. This new variety is a great cropper, and produces more pods to the vine than most sorts, a very important feature, which, combined with its excellent flavor, will surely make "Buttercup" a very popular variety. Pkt., 10 cts., by mail. By express or freight at purchaser's expense. Pts., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per rate given on page 32.) 4 qts., \$1.50; peck, \$2.50.

NEW PERFECTION RADISH.

This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much farther up than is the case with ordinary Scarlet Turnip White Tip Radish. The upper portion is a rich, brilliant red, showing in great contrast to the lower portion, which is pure white, and adding greatly to its attractive appearance. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the vegetable garden. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

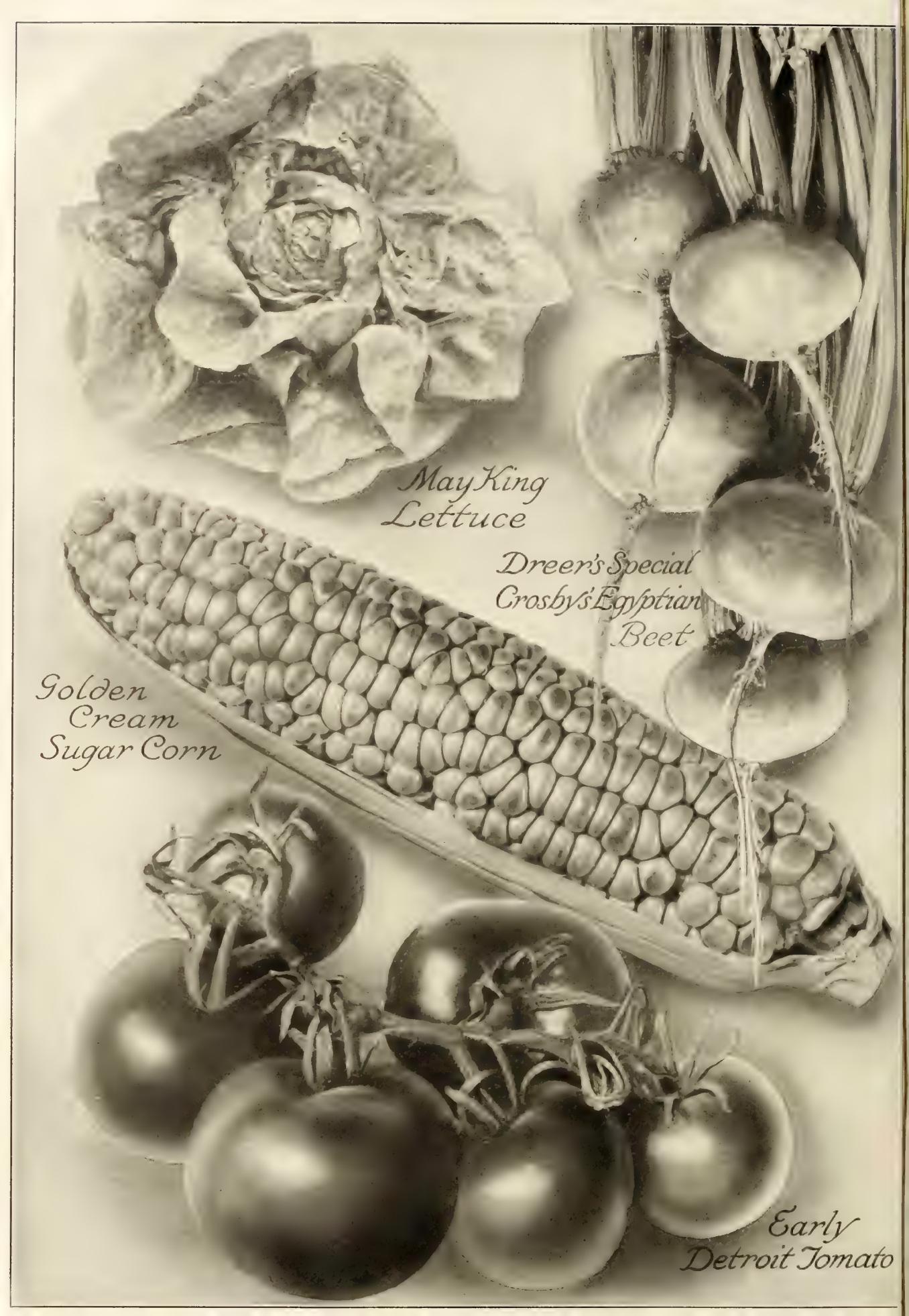


Early Fortune Cucumber

Delicious Gold Lined Muskmelon

New Perfection Radish

Buttercup Pea



May King
Lettuce

Dreer's Special
Crosby's Egyptian
Beet

Golden
Cream
Sugar Corn

Early
Detroit Tomato

**DREER'S SPECIAL
CROSBY'S EGYPTIAN BEET.**

(See illustration on opposite page.)

This special selection of extra early Beet is as great an improvement over the ordinary Crosby Egyptian as the latter variety is over the old-time Egyptian Blood Turnip Beet and is valuable both for the private gardener and those who grow Beets for market. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright-red and flesh-vermillion, very sweet and tender. This Beet is good for forcing, as well as growing in the garden, and may be used while small. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

GOLDEN CREAM SUGAR CORN.

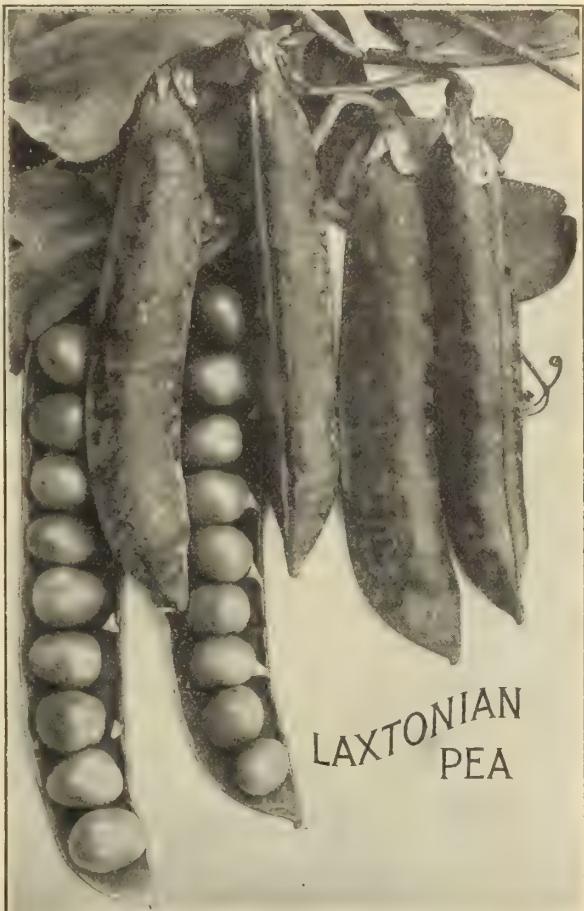
(See illustration on opposite page.)

A cross of Country Gentleman and Golden Bantam, taking on the character of the former variety, except in color. The ears are ready for use at a very early season; grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked, making an attractive appearance on the table. The quality is very fine, being remarkably sweet and tender. Stalks are brownish-red, and make a healthy, rapid growth, producing from 2 to 4 ears each. This new variety is distinct, and possesses genuine merit. The seed we furnish was grown in Connecticut, and is thoroughly acclimated. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per rate given on page 22.) 4 qts., \$1.25; peck, \$2.25.

MAY KING LETTUCE.

(See illustration on opposite page.)

Very early, and being hardy, will stand considerable cold, damp weather. It can be planted out of doors or under glass, and in either case will produce fine, solid heads much sooner than any other variety. The outer leaves are yellowish-green, tinged with brown, while inside it is rich golden-yellow. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



EARLY DETROIT TOMATO.

(See illustration on opposite page.)

For the home garden as well as for market this variety will give entire satisfaction. The fruits are of a purplish-pink color and very attractive to the eye; this, together with its uniform size and shape, make it one of the best varieties of Tomatoes recently introduced. The vine makes a strong, vigorous growth, and fruits set and ripen early, continuing throughout the entire season. The Tomatoes are medium to large in size, nearly round, perfectly smooth, solid and of excellent flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

LAXTONIAN PEA.

The largest-podded variety of extra earlies and really may be classed as Dwarf Gradus, which variety it resembles, except that it only grows about 18 inches high and does not require any support. The vines make a vigorous growth, which enables them to withstand weather conditions unsuited to some of the large-podded varieties, and the pods are well filled with large Peas, which have an exquisite flavor. While the crop does not mature until a few days later than "Gradus," the quality of this new variety is equally as good. Pkt., 10 cts., by mail. By express or freight at purchaser's expense, pt., 25 cts.; qt., 40 cts. (If pints or quarts are wanted by Parcel Post add postage as per page 32.) 4 qts., \$1.50; peck, \$2.50.

FIRST AND BEST RADISH.

A beautiful half-long Radish of very early maturity. The color is rich, deep scarlet, size medium, making it very dainty. The tops are small and roots grow uniform in size and shape, tapering to a point. The quality is fine, being delightfully crisp and juicy. We know of no half-long Radish that will equal this variety. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

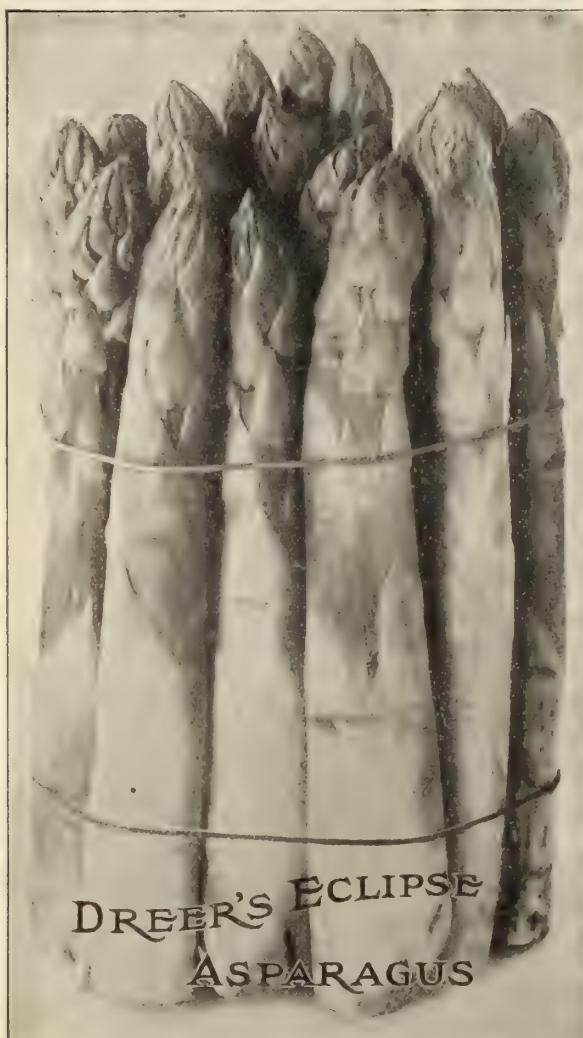




DREER'S SEEDS have been for Seventy-seven Years a Standard Among the Best Gardeners of this Country for Undoubted Purity and Excellence.

The Cultural Directions given in this book for growing Vegetables have been thoroughly revised and brought to date by the well-known author, **Mr. T. Greiner**, and are for the latitude of Philadelphia. Persons living in a more Southern latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. The Hotbed is especially valuable in the spring for starting the plants of early vegetables and many flowers, thus having them ready to set out as soon as the ground is in condition. We have prepared a leaflet on "Making and Care of Hotbeds and Cold Frame," and will gladly mail a copy to any who write or request it on their order.



ARTICHOKE.

Artischoke, GER. *Artichaut*, FR. *Alcachofa*, SP.

ARTICHOKE SEED.

Large Green Globe. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Artichoke Plants and Roots.

Plants of Dreer's Selected Large Green Artichoke.

We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. They should be set out early in April, when soil is in condition, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press closely, but not plant too deep. Per doz., \$1.50; per 100, \$10.00, by express. **Delivery after March 1st.**

Jerusalem Artichoke Roots. Distinct from the Globe, and propagated by and for its tubers. Largely used for pickling and for feeding stock. Price of tubers: By express or freight, at purchaser's expense, qt., 25 cts.; peck, \$1.25; bu., \$4.00. (2 lbs., by mail, 50 cts.)

ASPARAGUS SEED.

Spargel, GER. *Asperge*, FR. *Esparrago*, SP.

One ounce will produce about 200 plants; 4 to 5 lbs. to the acre.

Leaflet on Asparagus Culture, giving directions for preparing the bed, planting and cultivating, also winter treatment of the plants, will be mailed free to all applicants.

DREER'S Eclipse Asparagus. (See cut.) This variety is the result of a most careful selection, and "breeding up" to the large type, yet retaining that delicate light green color and tender quality desired. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. We supply French grown seed. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.

Conover's Colossal. Large and productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.

Palmetto. An early, prolific and very desirable variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

Columbian Mammoth White. Large white stalks, very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

ASPARAGUS ROOTS (See page 251).

Krup Bohnen, GER.

BEANS—Dwarf or Bush.

*Haricots Nains, Fr.
Frigolos, Sp.*

One quart will plant one hundred feet of drill.

Culture.—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

BEANS BY PARCEL POST.

The prices given in this Catalogue for Beans of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:

To points East of Mississippi River add 8 cts. pt., 12 cts. qt.
To points West of Mississippi River add 15 cts. pt., 25 cts. qt.

PACKETS OF ALL VARIETIES OF BEANS, 10 CTS. EACH.

GREEN-PODDED VARIETIES.

Keeney's Stringless Refugee. (See Specialties, page 4.)

By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Improved Extra Early Red Valentine. A standard variety, extra early in maturing and bears pods which are round, long, slightly curved and of excellent quality. The seed we supply is from a strain which has been selected especially for earliness and good quality. It is one of the most profitable sorts for private use or market. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Mammoth Stringless Green Pod. (See cut.) This variety matures its crop among the earliest of the green-podded sorts, and produces large, handsome pods, some of which measure fully 6 inches in length. The plants are very productive, bearing pods which are perfectly round, very fleshy and entirely stringless. This variety is particularly adapted to the home garden, on account of its productiveness and good quality. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Stringless Green Pod (Burpee's). Very popular because of its hardiness and productiveness. It is stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and of excellent flavor. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Early Mohawk. Extremely hardy, may be planted very early, and will produce large plants, which grow in an erect form and bear the long pods in great abundance. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Long Yellow Six Weeks (Flat Pod). A well-known variety which is mostly grown for market, as it is a good shipper, but the quality is not so good as some others, being somewhat stringy and tough. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Extra Early Refugee. This variety is early and produces pods which are of medium size, light green and of good quality. The vines make a compact and even growth, and are quite productive. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Bountiful. Pods grow to large size, are broad and fleshy, cook tender and fine quality. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.



MAMMOTH
STRINGLESS GREEN-POD
BEAN

Black Valentine Beans. Bears an abundant crop of large pods, which are straight, almost round and dark green. While this is an excellent variety for market, on account of its handsome appearance, the quality is not so good as some others. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Triumph of the Frames. A good variety for forcing. Produces a mass of pale green pods. By express or freight, at purchaser's expense, pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.

BEANS—CONTINUED.

WAX OR YELLOW-PODDED
VARIETIES.

Packets of all varieties of Beans, 10 cts. each.

Improved Rust-proof Golden Wax. (See cut.) An improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. The vines grow erect and bear the pods well off the ground, thus preventing rust and rot. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Improved Prolific Black Wax (Cylinder Pod). This is a marked improvement on the Black Wax; pods waxy-yellow, very tender and productive. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Currie's Rust-proof Wax. An improvement on the old-fashioned Golden Wax. Pods grow long, flat, very tender and of finest quality. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Pencil Pod Black Wax. It is an improvement on the Prolific Black Wax, harder and more prolific. Pods are long, pencil-like; very tender and brittle. In color they are a rich, dark yellow, much more attractive than Prolific Wax. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

BEANS BY PARCEL POST.

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To points East of Mississippi River add 8 cts. pt., 12 cts. qt. To points West of Mississippi River add 15 cts. pt., 25 cts. qt.

Wardwell's Kidney Wax. A popular variety of Wax Bean, bearing long, flat pods, of a delicate waxy-yellow, stringless and brittle, producing a heavy crop. The pods mature later than Golden Wax, but are produced in great abundance. They are quite broad and very attractive. This variety has been a favorite for many years, and in some sections is largely grown by market-gardeners exclusive of all other sorts. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Stringless Refugee Wax. This variety is an improved type of the Refugee Wax, to which it is far superior. The plants are of very robust growth and extremely productive, bearing an abundant crop of large, rich golden-yellow pods, which usually contain five beans each and are fit for table use at nearly all stages of their growth. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Sure-crop Stringless Wax. A valuable new variety of Dwarf Wax Bean, which, while not related to the well-known Currie's Rust-proof Wax, bears a great resemblance to it in plant, pod and bean, but is entirely different in quality, as it is stringless and tender at all stages of its development. Plant is strong and holds pods well off the ground and will stand long seasons of wet weather. It is very productive, and bears the large golden-yellow pods in great abundance, and because of its being very hardy the seed may be planted early. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Round-pod Kidney Wax. An improved type of Wardwell's Kidney Wax. The pods are long, straight and extremely handsome; an exceedingly heavy bearer, and is of excellent quality. This variety will mature its pods fully as early as Wardell's Kidney Wax and is very tender and stringless. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Saddle-back Wax. This variety is of beautiful shape and color. The pods are long, round, very solid and absolutely stringless. This bean makes a healthy growth of plant and produces pods in large quantities and of excellent quality. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Hodson Wax-pod. Produces large quantities of creamy-white pods which are of good quality. Remarkable for its wonderful growth of plant, even during seasons when many other sorts grow slowly. The pods measure about six inches, are slightly curved and very meaty. It is not an early variety and should be planted for the general, or late crop. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Michigan White Wax. A white-seeded Golden Wax Bean of superior quality, attractive appearance and great productiveness. The plant grows larger than Golden Wax, and produces an abundant crop of large, meaty pods, which are of a bright golden-yellow color, exceedingly attractive and very uniform in color and shape. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

BEANS—CONTINUED.

BEANS BY PARCEL POST.

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East of Mississippi River 8 cts. pt., 12 cts. qt.
West of Mississippi River 15 cts. pt., 25 cts. qt.

DWARF VARIETIES OF SHELL BEANS.

Packets of all varieties of Beans, 10 cents each.

Michigan Wonder Pea Bean. This variety of Pea Bean will outyield all others, and is safer to grow because it ripens earlier and matures the entire crop about the same time. By express or freight, at purchaser's expense, Pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 90 cts.; peck, \$1.50.

Boston Pea Bean (Navy). Seeds are small, very short, almost round, and solid white. By express or freight, at purchaser's expense, Pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 90 cts.; peck, \$1.50.

White Marrowfat. By express or freight, at purchaser's expense, Pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 90 cts.; peck, \$1.50.

White Kidney, or Royal Dwarf. By express or freight, at purchaser's expense, Pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 90 cts.; peck, \$1.50.

Black Turtle Soup. By express or freight, at purchaser's expense, Pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 90 cts.; peck, \$1.50.

Red Kidney. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Green Flageolet (Wonder of France). By express or freight, at purchaser's expense, Pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75.

Broad Windsor. An English variety, used as a shell Bean. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts.; (if by Parcel Post add as noted at top of page); 4 qts., \$1.10.



DWARF OR BUSH LIMA BEANS.

CULTURE.—Select land that is especially warm, rich, and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top-dressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield. One quart will plant 100 feet of row; $\frac{3}{4}$ bushel for an acre.

Dreer's Wonder Bush Lima. This variety of Bush Lima Bean is very desirable on account of earliness and productivity. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four Beans, which are fully as large as the Pole Limas. The Beans are flat in shape and of excellent quality. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Burpee's Bush Lima. A bush form of the Large White Lima which is of good quality. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Burpee—Improved Bush Lima. Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima. By express or freight, at purchaser's expense, Pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.25.

Dreer's Bush Lima. A dwarf variety of the Dreer's Improved Lima. The Beans grow close together in the pods and are thick, sweet and succulent. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 45 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck \$2.50.

Fordhook Bush Lima Bean. This valuable variety is a perfected form of Dreer's Bush Lima, which variety it resembles in form of pod and shape of Bean, but both are larger and the plant is of a strong, upright growth, protecting the pods from contact with the soil, thus preventing rust or rot. By express or freight, at purchaser's expense, Pt., 30 cts.; qt., 50 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.75; peck, \$3.25.

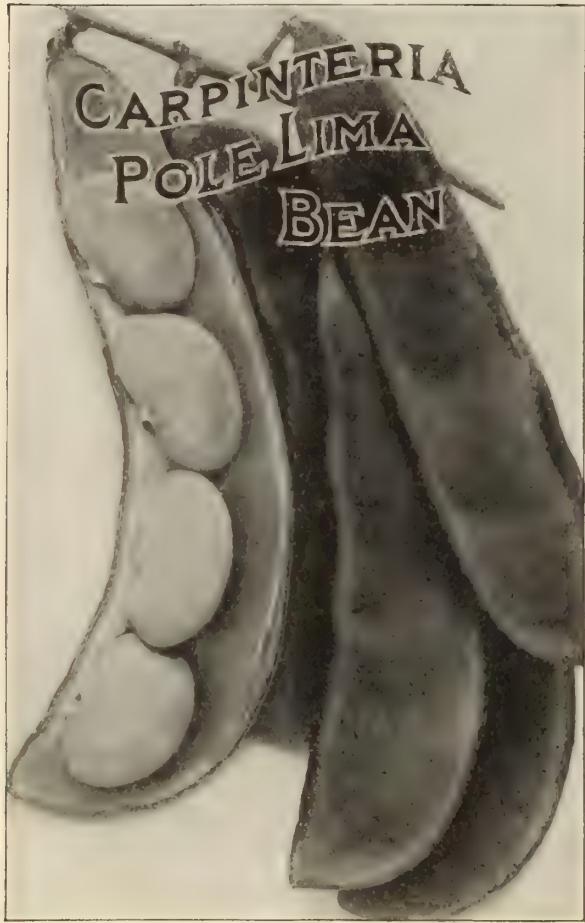
Henderson's Bush Lima. A dwarf variety of the Sieva or Small Lima. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Stangen Bohnen, GER.

POLE BEANS.

*Haricots à rames, FR.
Frijol vastago, SP.*

CULTURE.—Pole Beans, especially Limas, require warm and very rich, loamy soil. Plant when the soil has become well warmed through in spring. If planted in cold or soggy soil, the seed will rot. Use poles 5 to 8 feet long set in rows 4 feet apart each way, or in drills, if wire trellis is used. Plant 4 to 6 Beans around each pole, and thin out to 3 plants to a pole, or 2 to 3 Beans may be planted in hills a foot apart under a wire trellis. Cultivate freely, and if possible top-dress around each hill with small quantity of poultry manure, compost, or some good fertilizer. When hoeing, work this dressing well into the soil. Sprouted Limas transplant easily. You can get a picking ahead of your neighbors by starting the Beans under glass in April and transplanting to open ground in proper season. **One quart will plant 150 to 200 hills.**



POLE BEANS—GREEN POD.

Kentucky Wonder, or Old Homestead. Excellent for snap-shorts, matures early and is very productive. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

White Creaseback, or Best of All. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Lazy Wife's. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Horticultural, or Speckled Cranberry. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Scarlet Runner. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

White Dutch Case-Knife and White Dutch Runner. Either variety by express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

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PACKETS OF ALL VARIETIES OF BEANS, 10 CTS. EACH.

Carpinteria Lima. (See cut.) The Beans of this splendid pole lima have a greenish tint, an indication of good quality and an advantage in appearance over the white-skinned varieties. It originated in California as a sport, but the type has been thoroughly fixed, retaining the greenish tint. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima, and retain their color even when in the dry state. The Beans cook nicely, and being thin-skinned are exceedingly tender and of fine flavor. The originator, who is a skillful grower, claims that the "Carpinteria" is the most perfect lima Bean ever introduced. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Dreer's Improved Lima. A very superior early variety of excellent quality and great productiveness. This variety is without doubt the best for private gardens, and will shell out more beans from a given number of pods than any other pole lima. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger, or Potato Lima. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Leviathan Lima. The earliest variety of pole lima; produces pods in clusters. A good variety where the season is short, as it can be depended upon to produce a good crop even in those sections of the country that have only a short growing season. The pods are long, and contain from four to five large beans, which are flat in shape, of good size and excellent quality. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Early Jersey Lima. This variety matures a few days earlier than the King of the Garden. Pods contain three and four large beans each. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Seibert's Early Lima. Early and a great improvement on the large Lima. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

King of the Garden Lima. A vigorous grower, bearing large pods, varying in length from 5 to 8 inches. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Small Lima, or Sieva. Beans small, good quality. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

POLE BEANS—WAX POD.

Kentucky Wonder Wax. (See Specialties, page 4.) By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Dreer's Golden Cluster Wax. Bears long golden-yellow pods in clusters of from three to six, from bottom to top of pole, and continues in bearing from middle of July until the vines are cut by frost. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Rothe Rübe, GER.

BEETS.

Betterave, FR.

Remolacha, SP.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.

Culture.—Fibrous loam, well-drained and well-enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

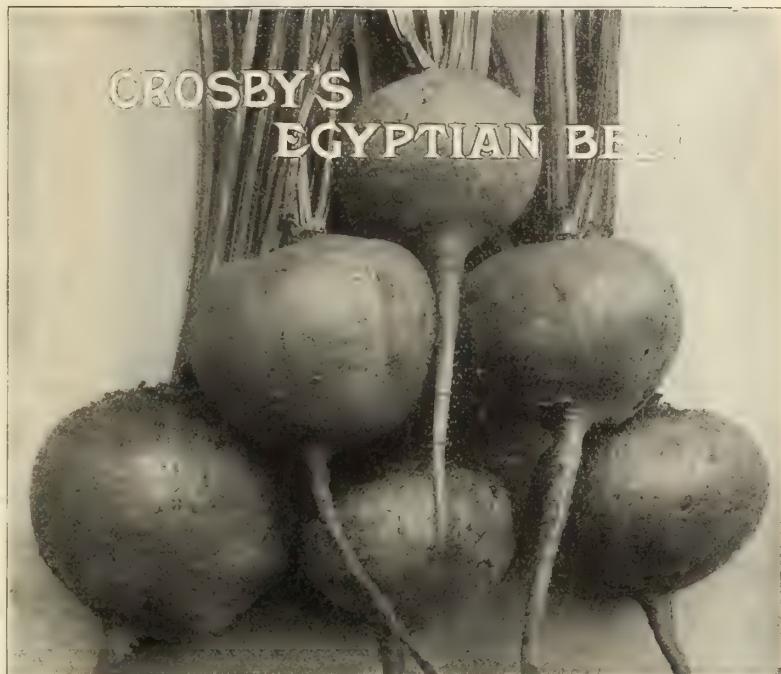
Dreer's Special Crosby's Egyptian.

(See Specialties, page 9.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Dark-leaved Globe. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Early Model. (See Specialties, page 4.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Crosby's Egyptian. (See cut.) Extremely early, and may be grown either out of doors or under glass, and in either case the young Beets are fit for use at an early stage of their growth. It is thicker through than the old Egyptian, and this, together with the rich vermilion color, makes it a very attractive sort. The quality is excellent, being sweet and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



Early Eclipse. Perfectly smooth and round; skin and flesh intense red. This variety is extremely early; in fact, one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Extra Early Egyptian. An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red and the Beets are tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

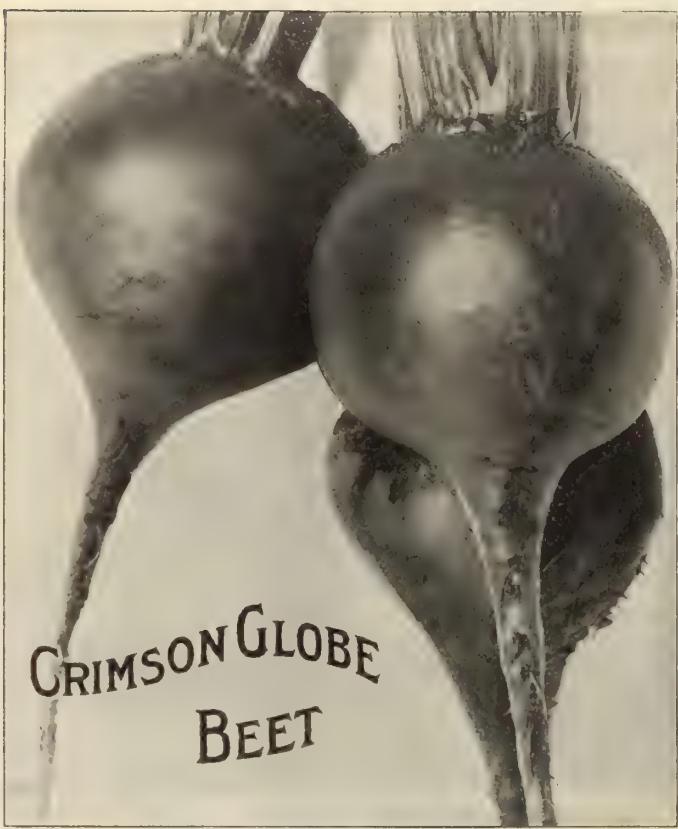
Detroit Dark Red. A choice variety of early turnip Beet, largely grown by both private and market gardeners, and extremely desirable on account of its early maturity, small top and handsome appearance. The tops make an upright growth, thus allowing of planting in close rows, a valuable feature where space in the garden is limited. The Beet is somewhat globe shape, skin blood-red and flesh rich red, zoned with a darker shade. The Beets are sweet when cooked, and it is a splendid variety for canning. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dreer's Excelsior Blood. The attractive form and rich dark color of this Beet commend it to all. The flesh is blood-red, remarkably sweet and tender, retaining all these qualities until it has attained an advanced age. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Edmand's Blood Turnip. (See cut.) A good variety to follow the extra early sorts, and one of the best for winter use. Skin and flesh are both dark red and the quality is good. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Early Blood Turnip. A fine selection, early and also good for summer and autumn use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

BEETS—*Continued.*



MANGEL WURZEL.

Sow 6 lbs. to acre, in May or June, in rows 2 feet apart, and thin to 9 inches. Cultivate with horse.

Mammoth Long Red. This is a favorite variety with dairy-men. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Red Globe. A large red oval variety; keeps well and produces better crops on shallow soil than the Long Red. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Golden Tankard. Considered indispensable, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Golden Yellow Mammoth. A long Mangel, resembling in form and size the Red Mammoth. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Yellow, or Orange Globe. Same as Red Globe, only different in color. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

SUGAR BEETS.

Klein Wanzleben. This variety is without question the best in cultivation; not largest in size, but richest in saccharine matter. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

White Sugar Green-Top. Excellent for stock feeding and sugar making. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Imperial White Sugar. Very hardy and sugary. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Lane's Improved White Sugar. A very productive variety. $\frac{1}{2}$ lb., 20 cts.; lb., 50 cts.; 10 lbs., by express or freight, at purchaser's expense, \$3.50.

Crimson Globe. (See cut.) This Beet is remarkable for its smooth skin and fine shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and of good shape. The flesh and skin are both very dark and quality fine, being sweet and tender. The tops are small and dark in color. We are confident that this Beet will please all who plant it. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 45 cts.; lb., \$1.50.

Dewing's Improved Blood Turnip. An improved Early Blood Turnip. The skin is dark red and flesh carmine, striped with a lighter shade. The flesh is tender and has a sweet flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Bastian's Early Blood Turnip. A good early turnip-shaped Beet. The flesh is bright red and white and the quality is very good. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Early Bassano. A rapid-growing variety, having large leaf-top, which may be used as greens. The roots grow to good size and are very sweet. Flesh is white and rose-colored. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Half-Long Blood. A fine variety for either spring or winter use. The roots are smooth, flesh bright-red and quality excellent. For winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Long Dark Blood. A good late variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

SWISS CHARD, OR SPINACH BEET.

Swiss Chard, Giant Lucullus. The leaves of Swiss Chard are used as greens, cooked in the same manner as spinach, and the large ribs are prepared like asparagus, in which manner they are delicious. "Giant Lucullus" is the largest and best variety of Swiss Chard. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Swiss Chard, or Silver Beet. Produces large, light-colored leaves. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

BROCCOLI.

Spargel-Kohl, GER. Chou-Broccoli, FR. Brocoli, SP.

This vegetable is used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeings and watering. Sow seed in hot-bed in January or February and transplant into cold-frames, 2 or 3 inches each way. Set out in open ground early in spring, about $2\frac{1}{2}$ feet apart.

White Cape. An excellent variety, making large, compact heads of a creamy-white color and of good flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{2}$ lb., \$1.00.

BRUSSELS SPROUTS.

Rosen-Kohl, GER. Chou de Bruxelles, SP.

Culture. Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand $1\frac{1}{2}$ to 2 feet apart in the row. Cultivate same as Cabbages.

One ounce will sow 200 feet of drill.

Dreer's Select Matchless. A small-leaved variety of this desirable vegetable, which through careful selection has been brought to perfection. Grows freely during the summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{2}$ lb., \$1.00.

Long Island Half Dwarf. An American variety, thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and much freer from mildew and aphis. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{2}$ lb., \$1.00.

Kohl, GER.

Chou, FR.

CABBAGE.

Berza, Sp.

Sow one ounce for 3,000 to 4,000 plants, 4 ounces for one acre.

CULTURE. For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm, fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation, and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.

Small Extra Early Jersey Wakefield. (See page 4.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Copenhagen Market. (See Specialties, page 5.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Danish Roundhead. (See Specialties, page 5.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Chinese, or Celery Cabbage. (See page 5.) Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Early Jersey Wakefield. A leading early variety, and one of the best for private or market gardener's use; conical shape and good quality. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

The Charleston, or Large Wakefield. (See cut.) Large solid heads, of good quality, a few days later than Early Jersey Wakefield. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Early Winnigstadt. Conical shaped heads, medium size, very solid and of good quality. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

All Head Early. The largest heading of the second early sorts, remarkably solid, and withstands hot, dry weather. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Dreer's Early Drumhead. A large, round, solid heading variety. The best for following Charleston Wakefield, and a good variety for summer use. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Improved Flat Brunswick. Large heads, excellent quality. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



Early Summer. Matures early and makes a large, solid, flattish head, with short stem and outer leaves. Color of a bluish tinge and quality excellent, and a good keeper. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Succession. A good second early round-headed sort, similar to All-Seasons, but a little later in maturing. A good header and excellent keeper. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Selected All-Seasons (Vandergraw). A fine second early Cabbage. Produces large heads, nearly round, and stands dry season. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Danish Ball Head (Hollander). (See cut.) This extra hard-heading variety of Cabbage originated in Denmark. It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. The strong growth of this variety enables it to withstand dry weather well, and its remarkably good keeping quality make it an extremely valuable Cabbage for storing away for winter use. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Large Late Drumhead. A favorite winter variety. Heads are solid and good texture, and have very few loose leaves, thus allowing of planting closely in the field. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Autumn King, or World Beater. Heads large size and solid. A late variety and should have a long season of growth. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



Blumenkohl, GER.

CAULIFLOWER.

Chow Fleur, FR. Coliflor, SP.

One ounce of seed will produce about 3000 plants.

Culture.—For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2½ feet apart each way. When heads have formed and are hard, they should be blanched by drawing the leaves together and tying with raffia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th), start plants in open ground like late cabbages, and handle them like that crop.

Dry-weather Cauliflower. (See Specialties, page 5.)
Pkt., 20 cts.; ½ oz., \$1.00.

DREER'S Earliest Snowstorm. (See cut.) The best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful, snowy-white head, much earlier than any other variety. Pkt., 25 cts.; ½ oz., \$1.75.

DREER'S Selected Dwarf Erfurt. One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. Pkt., 20 cts.; ½ oz., \$1.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hotbed culture. Pkt., 20 cts.; ½ oz., \$1.00.

Early Dwarf Erfurt. An early market variety. Pkt., 10 cts.; ½ oz., 25 cts.

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; oz., 75 cts.

Lenormand's Short Stem. A large, late variety. Pkt., 10 cts.; oz., 60 cts.

Algiers. An extra fine late variety, suitable for market. Pkt., 10 cts.; oz., 60 cts.

Veitch's Autumn Giant. One of the finest late varieties. Heads large and compact. Pkt., 10 cts.; oz., 60 cts.

Cauliflower and Cabbage Plants. (See page 251.)

CABBAGE
Continued.

Dreer's Selected Late Flat Dutch. (See cut.) This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat, and grow remarkably large, even, very solid, and are of fine texture; stems grow short and the quality of the Cabbage is very fine. It is a sure heading sort, as nearly every plant can be depended upon to produce a fine, large head. Pkt., 10 cts.; oz., 35 cts.; ½ lb., \$1.00.

SAVOY CABBAGE.

Perfection Drumhead Savoy. The largest solid-heading Savoy, and possesses the rich flavor of cauliflower. Plants are strong and withstand the ravages of the cabbage worm better than other sorts. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

RED CABBAGE.

Early Red Dutch Erfurt. Earlier than the Red Drum-head, but equally as valuable for pickling. Pkt., 5 cts.; oz., 30 cts.; ½ lb., 85 cts.

Mammoth Rock Red. Largest and most solid of the Red varieties; sure-heading and tender. Pkt., 5 cts.; oz., 30 cts.; ½ lb., \$1.00.

CABBAGE PLANTS.

(See page 251.)





Mohre, GER.

CARROT.

Carotte, FR. Zonahoria, SP.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.

CULTURE. Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam having been in clover and broken the year before. For earliest crop sow seed of the early short-rooted sorts in April or May, in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer-rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horse power. In sowing Carrot or other small seeds, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet, or with the roller of the garden drill. Varieties marked * are good for stock feeding.

Dreer's Perfect Forcing Carrot. (See Specialties, page 5.)

Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Earliest Short Horn (French Forcing). This variety is one of the earliest to mature. Roots are small, reddish-orange, of globular shape and excellent flavor. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Early Scarlet Horn. May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 3 inches long; reddish-orange and good flavor. May be grown either in frames or in the open ground. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

St. Valery. A large and handsome Carrot, suitable either for use in private garden or field culture. It is an intermediate variety, growing to a size between the half-long and long varieties, about 10 inches long, broad at neck, tapering to a point; orange color and of good quality. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Early Half-Long Scarlet. A desirable early point-root sort, coming in between Scarlet Horn and Long Orange. Excellent for those who desire a medium size Carrot. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50.

Sutton's Red Intermediate. This variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality appeal to all who plant it. The Carrots grow to a desirable size, being between the half-long and long varieties, and are very uniform. The shape is most desirable, tapering to a decided point, and the quality is excellent. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Danvers' Half-Long Orange. (See cut.) A rich orange-red variety, smooth and handsome. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger field varieties. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Improved Rubicon. This beautiful half-long stump-root Carrot originated in Rhode Island. It is the result of careful breeding, and in shape and color most desirable. The Carrots grow about the same length as the well-known Danvers, but thicker, and are a rich dark orange in color. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Chantenay Half-Long. A half-long variety, with smooth orange-red skin and crisp, tender flesh. The root is broad at top, tapering slightly to bottom, and is fit for use at an early season. It resembles the Nantes Carrot, but has a larger shoulder, and is desirable either for garden or field culture. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Guerande, or Oxheart. A good variety on soils too hard and stiff for the longer-growing sorts. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

***Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot, and the best variety for stock feeding; should be grown on deep soil. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

***Large White Belgian.** Used for feeding cattle; grows large and is very productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

CHERVIL.

Culture. The seed of Curled Chervil may be sown in well prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning.

Curled Chervil. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.

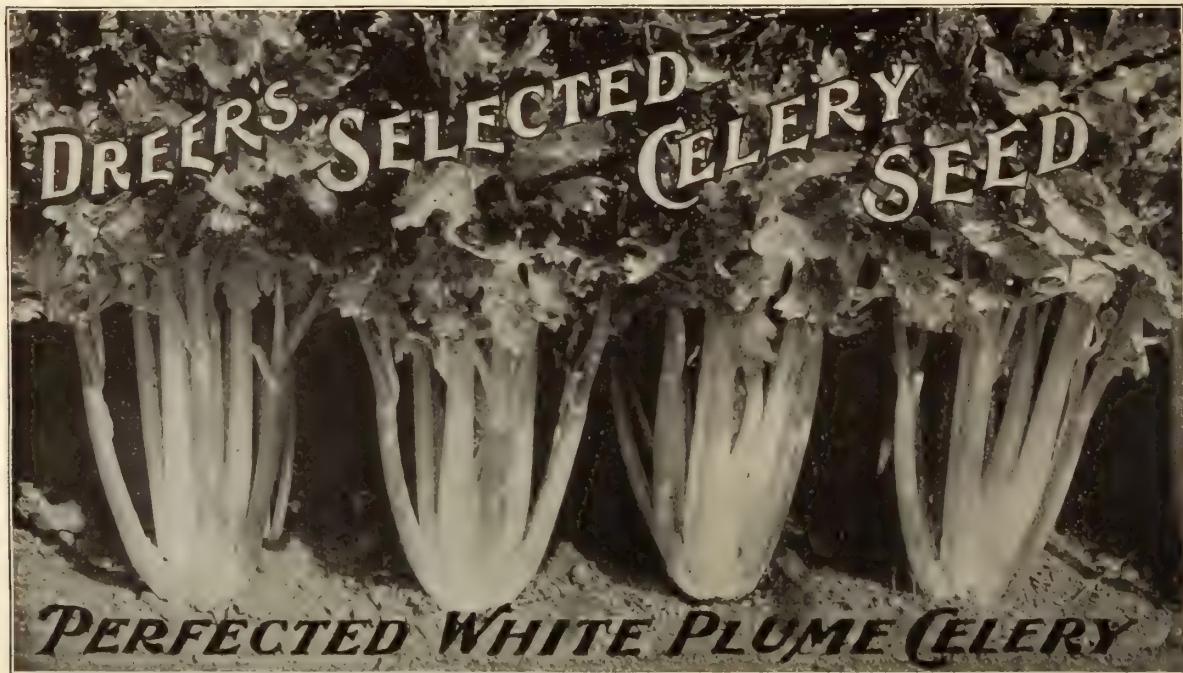
**CHICORY.**

Culture. Sow seed in early spring as for Carrots, in rows 12 to 16 inches apart, and thin the plants to 2 or 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. **One ounce to 100 feet of drill.**

Common, or Wild. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Large Rooted. Used to mix with or as a substitute for coffee. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

Witloof Chicory, French Endive. During the winter this vegetable is sold by dealers in fancy fruits and vegetables as French Endive. Seed should be sown in June, in drills 10 inches apart; allow plants to grow until November, when they should be taken up, trimmed to 1½ inches from the neck, leaving about 8 inches, then planted upright, 1½ inches apart, in trench 16 inches deep. Fill trench with good soil, and for quick growth cover with manure. In about four weeks it will be ready for use, and is eaten either raw or cooked. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50.



One ounce of Celery seed will produce from 5,000 to 10,000 plants.

Culture.—For early or summer Celery sow seed of the self-blanching sorts in flats under glass during February, and pick out, singly or in sections of row, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June, set the plants in very rich and well prepared land, 6 inches apart in the rows, and rows 3 or 4 feet apart. Give thorough and clean cultivation, and blanch by means of boards set up against the rows. For later and winter Celery, start seed of standard sorts either in flats as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart; sow seed shallow and firm well. The rows in which the plants are to be set are 4 or 5 feet apart. Blanch by earthing up gradually clear to within a few inches of tip of leaves. For winter storage, take up the plants with roots, and place upright on wet soil in a dark cellar or root house, packing closely.

Columbia. (See Specialties, page 5.) Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{2}$ lb., \$1.75.

Winter King. (See Specialties, page 5.) Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{2}$ lb., \$1.50.

Perfected White Plume. (See cut.) We offer a choice strain of this valuable and popular variety. It is ready for use ahead of all other varieties and is unsurpassed for fall and early winter use. The leaves are bright green with white tips, and as the plants grow to maturity the inner stalks and leaves turn white, thus making very little earthing up necessary to thoroughly blanch it. The flavor is good and it is a fine celery for early marketing. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{2}$ lb., \$1.50.

Golden Self-Blanching. An early sort, requiring but little labor to blanch. Plants medium size and make a stocky growth; heart is rich golden-yellow, with light yellowish-green outer leaves; quality excellent, as the flavor is remarkably crisp and tender. American grown seed. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{2}$ lb., \$2.50.

Originator's Golden Self-Blanching. Seed of this strain is very scarce, but we have secured a limited supply. This produces a more solid stalk than American seed, otherwise it is similar in every respect. Pkt., 20 cts.; oz., \$2.00.

Golden Half-Dwarf. The best of the half-dwarf varieties; stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Perfection Heartwell. A most excellent variety. Stalks long and thick, very compact, crisp and of fine flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Boston Market. Very mild flavor, extremely tender and crisp. Forms a cluster of heads instead of a single large one, should be blanched by earthing up. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Dreer's Monarch. A decided acquisition in green Celery, producing large stalks, and magnificent bright golden yellow heart. The stalks are very solid, brittle, and of most delicious flavor, and entirely free from stringiness. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{2}$ lb., \$1.00.

Fin de Siecle. Grows very large, stalks solid and crisp. This variety will keep well over winter. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Schumacher. The stalks are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. This variety is grown largely by market gardeners. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Winter Queen. An excellent winter-keeping Celery. Grows a very thick, solid and heavy stalk and has a large heart. The color is creamy-white when blanched. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{2}$ lb., \$1.00.

New Rose. The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Soup, or Flavoring Celery. Oz., 5 cts.; lb., 40 cts.

CELERIAC (Turnip-rooted Celery).

Knoller Sellerie, GER. *Celerie Rave, FR.* *Apio Nabo, SP.*

Culture.—Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated, and much harder than the stalk celeries.

Apple-shaped. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Giant Smooth Prague. A very large and smooth variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Gurken, GER.

CUCUMBER

Concombre, FR. Pepino, SP.

One ounce will plant fifty hills; two pounds will plant one acre.

CULTURE.—For very early Cucumbers, sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to 4 of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped cucumber or squash beetle is the most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

Early Fortune. (See Colored plate and page 8). Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Klondike. (See Specialties, page 6). Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early Russian. One of the earliest varieties. The fruit is small, only 3 to 4 inches long, and being produced in pairs makes it a very productive sort. The quality is very good. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

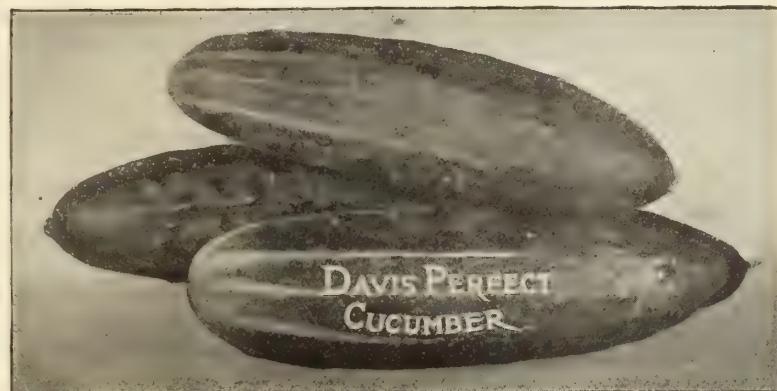
Early Cluster. A very early sort, well adapted for forcing or open ground. It is extremely productive, the fruits growing in clusters and are of good quality and flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

The Davis Perfect. (See cut). For a number of years this variety was controlled by the originator, who states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. The Cucumbers grow long and slim, sometimes measure 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe. It is very tender, brittle and of fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Cool and Crisp. A strain of white Spine somewhat like the Arlington White Spine, but longer and more cylindrical. It is early, and continues in bearing the entire season. Good for table use and holds up well. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Arlington White Spine Forcing. (See cut.) A strain of White Spine which has been improved through careful selection with a view to use for forcing in hothouses and frames. When young the fruits are tender and crisp, and when fully grown will measure six to seven inches in length. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Improved Early White Spine (Bennett's). An excellent variety, which produces an early crop of Cucumbers. The fruits are straight, light green with white spines, and are crisp, tender and of good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



Nichol's Medium Green. This Cucumber is largely grown for the pickle manufacturers. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Everbearing. This is a valuable variety, producing Pickles and Cucumbers until frost kills the vines. It is very productive; fruits of all sizes will be found on the vine at same time; size is small and well adapted for pickling. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Green Prolific. One of the best pickling varieties; dark green. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Long Green (Jersey Pickle). Fruits are long, firm and crisp. The small fruits are used for pickles and larger ones make excellent sweet pickles. The vines make a strong growth and are very productive. Our strain of this variety is excellent and produces fruits of a uniform size and shape. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Emerald. Exceedingly productive, fruits set early and are very handsome; dark green, long and straight, entirely free from spines. Quality fine, being very solid and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Chicago Pickle. Medium size, pointed both ends, spines very prominent and color deep green; a prolific bearer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Japanese Climbing. Can be grown on a trellis; very prolific and of good quality. A useful and ornamental plant. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Small Gherkin. A small prickly variety. Used for pickles only. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

ENGLISH FORCING CUCUMBERS

The seed we supply is secured from the best growers in England and is from selected fruits.

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, \$2.25.

Duke of Edinburgh, Sion House Improved, Telegraph (Rollison's). In packets of 10 seeds each, 20 cts.; per 100 seeds, \$1.75.



CORN, Sweet or Sugar.

Welschkorn, GER.

Mais, FR.

Maiz, SP.

1 qt. will plant 200 hills; 8 to 10 qts. to an acre, in hills.

CULTURE.—Seed of the sweet varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay us to take some risks. Often the plants, when once up, will escape injury by a belated light frost. Plant in warm soil, making the rows 3 feet apart for the dwarfed early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows. For succession plant every two weeks up to July 15th.

SWEET CORN BY PARCEL POST.

The prices given in this Catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:

To points East of the Mississippi River, 6 cts. pt.; 8 cts. qt.

To points West of the Mississippi River, 10 cts. pt.; 18 cts. qt.

Packets of all varieties of Sweet Corn, 10 cts. each.

Dreer's Aristocrat. (See Specialties, page 6.)

Golden Dawn. (See Specialties, page 9.)

Golden Cream. (See Specialties, page 9.)

Golden Bantam. (See cut.) Produces ears measuring about 5 inches, but the smallness of the ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. It is a fine variety for the home garden. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Peep o' Day. Very early and prolific, producing from 2 to 5 ears each, which measure about 5 inches in length and are well filled. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.

Stabler's Early. (See cut.) Of larger size than usual for the early kinds, and of most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Kendel's Early Giant. Ears are about 7 inches in length, with pure white grains, very sweet and tender. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.

Metropolitan. An extra early variety, ripens few days later than Cory, but produces larger ears. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.

Early Evergreen. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post add as noted at top of page); 4 qts., 85 cts.; peck, \$1.50.



CORN, Sweet or Sugar— Continued.

PACKETS OF ALL VARIETIES SWEET CORN, 10 CTS. EACH.

Stowell's Evergreen, Improved. (See cut.) Productive, very tender, sugary, and remains in good condition, suitable for cooking, for a long time. The best late variety. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post, add as noted at top of page); 4 qts., 80 cts.; peck, \$1.25.

Country Gentleman. Ripens about the same as Stowell's Evergreen. Ears medium size, deep grains in irregular rows on cobs and deliciously sweet, tender and milky. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 30 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$1.75.

Zig-Zag Evergreen. A very sweet Corn, ripening 8 days ahead of Stowell's Evergreen, and in quality fully its equal. By express or freight, at purchaser's expense, pt., 15 cts.; qt., 25 cts. (if by Parcel Post, add as noted at top of page); 4 qts., 85 cts.; pk., \$1.50.

WELL-KNOWN VARIETIES.

Prices below for Sweet Corn are for same by express or freight, at purchaser's expense. If wanted by Parcel Post, add as noted at top of page.

	PINT.	QUART.	4 QUARTS.	PECK.
Crosby's Early	\$0.15	\$0.25	\$0.80
Adams' Extra Early	15	25	80
White Cob Cory	15	25	80
Mammoth Early	15	25	80
Egyptian	15	25	80
Potter's Excelsior, or	15	25	80
Quantum	15	25	80
Mammoth Late	15	25	80
Black Mexican	20	30	1.00
				1.75

POP-CORN. On the ear only.

White Rice. Lb., 25 cts., by mail, } 10 lbs., \$1.00, by ex-
White Pearl. Lb., 25 cts., by mail, } press or freight, at
Queen's Golden. Lb., 25 cts., by mail } purchaser's expense.

SWEET FODDER CORN.

Write for price.

FIELD CORN.

The leading varieties. See pages 44 and 45.

COLLARDS.

Blatterkohl, GER. *Chow Coba, FR.* *Cabu, SP.*

Culture.—Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. **One ounce will produce about 3,000 plants.**

Creole, or Southern. Cabbage greens, used as a substitute for cabbage. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

CORN SALAD (Fetticus).

Stecksalat, GER. *Mache, FR.* *Mache o Valerianilla, SP.*

Culture.—Sow in spring in drills 1 foot apart; it will mature in six or eight weeks. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

Large Seeded. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

CRESS.

Garten and Brunnen Kress, GER. *Cresson, FR.*
Berro o Mastuerzo, SP.

Culture.—Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

Extra Curled, or Peppergrass. Has pungent taste, used for garnishing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

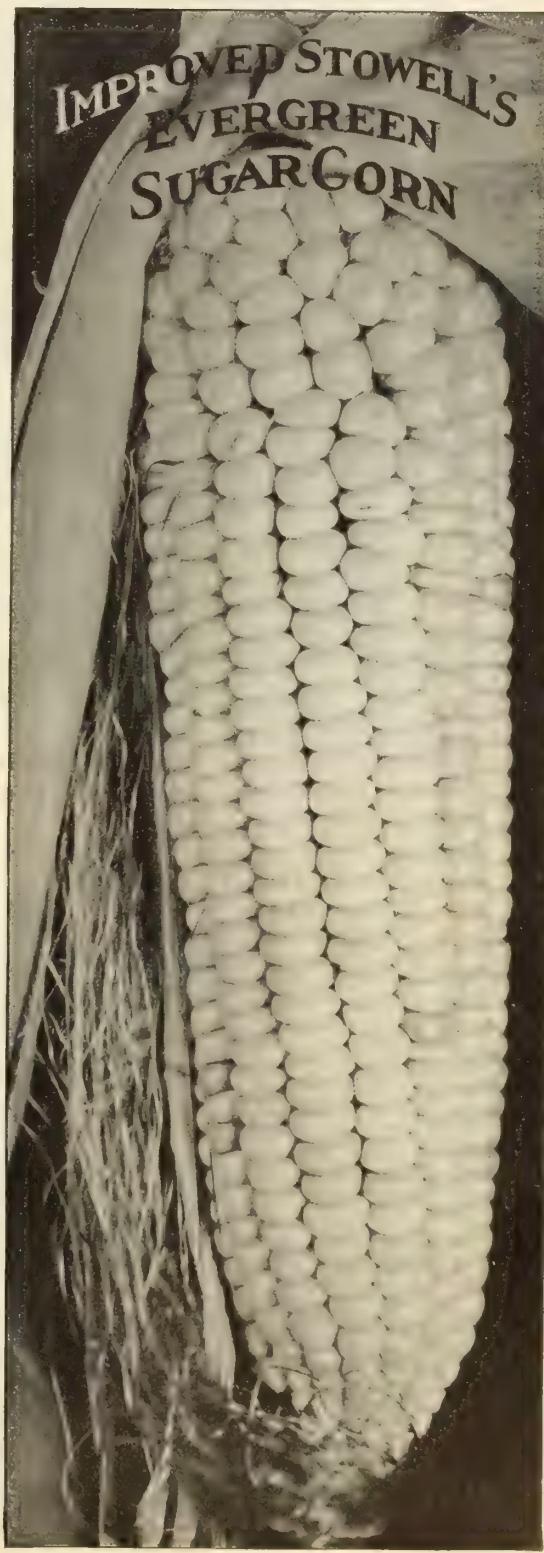
Upland Cress. Has the flavor of Water Cress. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.

Water Cress. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

SWEET CORN BY PARCEL POST

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To points West of the Mississippi River, 10 cts. pt., 18 cts. qt.





Lewenzahn, GER. **DANDELION.** *Pissenlit.*, FR.
Amargon, SP.

One ounce to 100 feet of row.

CULTURE.—Plants usually come up small and feebly. Sow seed in good clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter, or by placing a large inverted flowerpot over each plant.

Broad-leaved. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.25.

Improved Thick-leaved. An improved variety. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.25.

Endive, GER. **ENDIVE.** *Chicoree*, FR.
Endibia o Escarola, SP.

One ounce of Seed to 300 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June and July. When 2 or 3 inches high, transplant into good ground or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together and tying with yarn or bass to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched.

Dreer's Giant Fringed. (See cut.) A strong-growing variety with large white heart and broad stems; good for fall and winter. On account of the beautifully curved leaves is fine for decorative purposes. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter crop; when tied up this variety blanches splendidly. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.

White Curled (*Self-blanching*). Leaves pale green, grows to a large size, always crisp and very tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.

Broad-leaved Batavian (*Escarolle*). Leaves broad, light green, nearly plain, used in stews and soups. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.

French Endive. See Witloof Chicory, page 19.

EGG-PLANT.

Eierpflanze, GER. Aubergine, FR. Berengena, SP.
One ounce will produce 1,000 to 2,000 plants.

CULTURE.—Sow the seeds in hotbeds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. Egg-plant seed requires a higher temperature for germination than other garden vegetables, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest as well as blight may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

Early Black Beauty. (See cut.) Spineless and rich purplish-black skin; very attractive and of best quality. This beautiful Egg-Plant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruit fully ten days earlier than the New York Improved. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{2}$ lb., \$1.25.

New York Improved Large Purple. This variety is largely grown and produces the Egg-Plants in great quantities, as the plants bear from 6 to 8 fruits each. They are large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.00.

Early Long Purple. Earliest and hardest; very productive. Fruits long and of good quality, 6 to 10 inches long. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Black Pekin. Fruit purplish-black round, large, solid, smooth and glossy; very prolific and early and of fine flavor. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{2}$ lb., \$1.00.

EGG-PLANT PLANTS (See page 251).

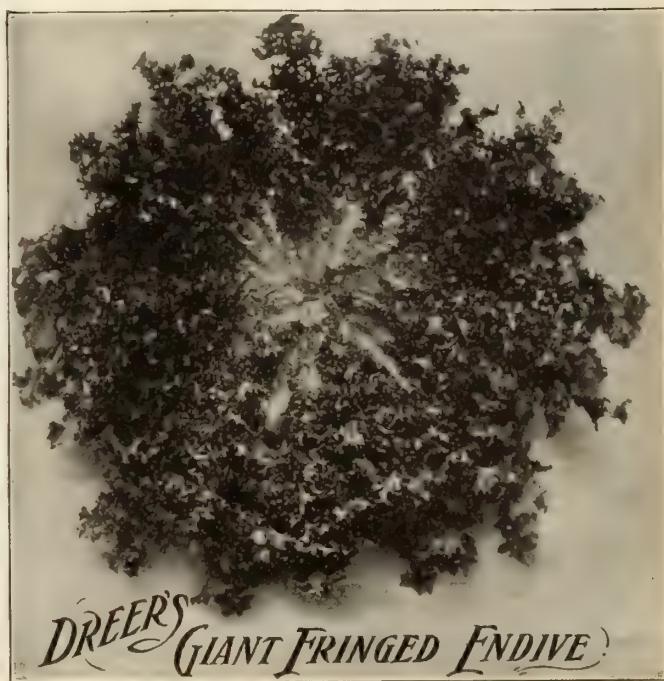
FINOCCHIO, or FLORENCE

FENNEL (See Specialties, page 6).

GARLIC (See page 30).

HOP VINE ROOTS (See page 251).

HORSERADISH (See page 251).



KALE, or BORECOLE.

Gruner oder Blatter Kohl, GER.

Chou Vert, FR.

Breton, SP.

One ounce of seed will produce about 5,000 plants.

Culture. The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

Dreer's Imperial Long Standing Kale. (See Specialties, page 7.) Beautifully curled and crimped. Leaves are very large and of a bright green color; very hardy. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Dwarf Green Curled German. Leaves yellowish-green, very compact and beautifully curled. This variety is hardy and the flavor is improved, rather than harmed by frost. Leaves are long, deeply cut, finely curled and quite ornamental. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored. It is largely grown in the Southern States, also very hardy in the north, and the quality and flavor are excellent. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Sea Kale. When blanched, the leaf stalks are cooked and served like asparagus, or the leaves may be used as greens. Sea Kale may be blanched by placing a flower-pot over the crown of plant, first closing the hole at bottom in order to exclude the light. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$2.00.

KOHL=RABI.

(Turnip-rooted Cabbage.)

Kohl-Rabi, GER.

Chou Rave, FR.

Colde Nabo o Nabicol, SP.

One ounce of seed will sow a drill of about 300 feet.

Culture. The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches' space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

Earliest Erfurt Kohl-Rabi. A white, tender variety, with smooth root and very short top; the best variety for outdoor culture. A fine variety and of excellent flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{2}$ lb., \$1.00.

Early White or Green Vienna Kohl-Rabi. Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Early Purple Vienna Kohl-Rabi. A small, but early variety, used for forcing or early planting in the garden. Skin purple, but flesh white and of good flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Lauch, GER.

LEEK

Poireau, FR.
Puerro, SP.

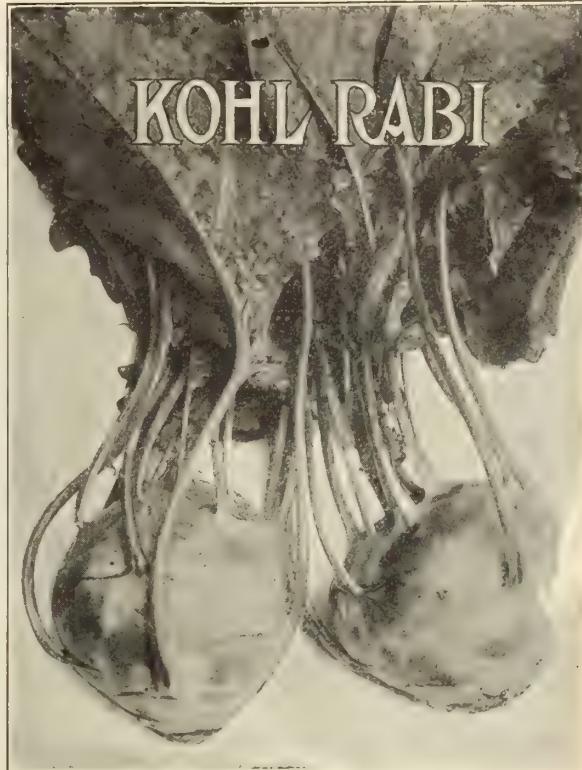
Culture.—Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in the spring.

Dreer's Prizetaker Leek. (See Specialties, 7.) A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick and are pure white in color. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{2}$ lb., \$1.00.

Giant Carentan. Produces a large, thick stem and of mild flavor. An attractive variety for market and very hardy. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.

Musselburg. An improved variety of Leek which grows to a very large size, with broad leaves, spreading like a fan. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.

London, or American Flag. A popular sort, hardy and good quality. Grows quickly and ready at an early season. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.



HERB SEEDS.

Those marked with a * are perennial.

	Pkt.	Oz.	% Lb.
Anise. For flavoring	\$0.05	\$0.10	\$0.30
*Balm. For tea or wine .....	.05	.20	.60
Basil, Sweet. Used in soups .....	.05	.15	.40
Bene. Used medicinally .....	.05	.10	.30
Borage. Excellent for bees .....	.05	.15	.40
Caraway. Used in bread, etc. ....	.05	.10	.25
Castor Oil Bean. Ornamental .....	.05	.15	.40
*Catnip. Relished by cats .....	.10	.30	.85
Chamomile. Used medicinally .....	.10	.30	.85
Coriander. Very aromatic .....	.05	.10	.25
Cumin. For flavoring pastry .....	.05	.10	.30
Dill. For Dill Pickles .....	.05	.10	.25
*Fennel, Sweet. For sauces .....	.05	.10	.25
*Horehound. For coughs .....	.05	.20	.60
*Lavender. For perfume .....	.05	.15	.40
*Pennyroyal. Used for medicine .....	.10	.75	2.50
*Peppermint. For flavoring .....	.25		
*Rosemary. For seasoning .....	.05	.30	1.00
*Rue. Used for seasoning .....	.05	.30	1.00
Saffron. For flavoring and coloring .....	.05	.10	.30
*Sage. For seasoning fowls, etc. ....	.05	.15	.40
*Savory, Summer. For flavoring .....	.05	.25	.75
*Savory, Winter. For flavoring .....	.05	.30	.85
*Sweet Marjoram. For flavoring .....	.05	.15	.40
*Tansy. For medicinal purposes .....	.10	.30	.85
Tarragon. (Plants only, see page 251)			
*Thyme, Broad-leaved English. .....	.10	.35	.85
Thyme, French Summer. .....	.10	.35	1.25
*Wormwood. Used medicinally .....	.05	.25	.75

One ounce will produce about 3000 plants.

LETTUCE.

*Lattich, odor Garten Salad, GER.
Laitue, FR. Lechuga, SP.*

CULTURE.—Sow the seed in hotbeds or flats during February or early March, prick the young seedlings out in flats or cold frame several inches apart each way, and, as soon as a nice, rich, warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter.



May King. (See Specialties, page 9.) Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

French Unrivalled. (See Specialties, page 7.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Wonderful. (See Specialties, page 7.) Pkt., 10 cts., oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Dreer's "All Heart." (See cut.) This distinct Cabbage Lettuce is excellent for spring and summer use, as it stands intense heat. It is of a yellowish green color, and forms a solid heart, even before it is half grown, and is of superior flavor. It is also sometimes used for forcing under glass. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Boston Market (White Seed). Hardy and crisp; a suitable forcing variety. Heads are medium size and leaves dull green in color. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Big Boston. Resembles Boston Market, but nearly twice as large; desirable for forcing and spring and fall outdoor planting. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Grand Rapids Forcing. Matures quickly, large size, and handsome appearance; crisp and tender. Forms a loose cluster of leaves which are bright green and crimped at the edge. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Early Dutch Butter, Spotted. Fine large heads of excellent quality. One of the best forcing and market sorts. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Golden Queen. Very early, small yellow heads. Used for forcing. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ oz., 75 cts.

	PKT.	OZ.	$\frac{1}{4}$ LB.
Hittinger's Belmont Forcing	10	25	75
Early Curled Simpson	5	20	50
Black-seeded Simpson	5	20	50
Early White Cabbage	5	20	50
Improved Deacon	5	20	50
Black-seeded Tennisball	5	20	50

Dreer's Improved Hanson. This variety, which originally was introduced by us, is the best summer heat-resisting sort. Heads grow to good size, are sweet, tender and crisp. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Mammoth Salamander. A rich, buttery Cabbage-heading variety. Color light green and quality good; an excellent intermediate variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

California Cream Butter. Produces a large white head and stands extreme heat. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Sensation. Color yellowish-green; quality very fine, being crisp and tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Mignonette. Heads small, compact; leaves slightly curled; edges tinted brown. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

ROMAINE, COS, OR CELERY LETTUCE.

Kingsholm Cos. (See cut.) Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Paris White Cos. Type of Kingsholm; light color; very tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Trianon Self-folding. A self-blanching Cos Lettuce, very crisp and tender. Tie leaves up and the plant will bleach to a pure white. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.



Zucker Malone, GER.

MUSKMELONS.

Melon Muscade, FR.
Melon Almizcleon, SP.

One ounce will plant about 50 hills; 2 to 3 lbs. in hills per acre.

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

Delicious Gold Lined. (See colored plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., \$1.50.

Bush Muskmelon. (See Specialties, page 7.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{2}$ lb., \$1.25; lb., \$4.00.

Hoodo. (See Specialties, page 7.) Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Rocky Ford Improved. This delicious Melon is of the Netted Gem type, oval in shape and beautifully netted. It has been improved at Rocky Ford, Colorado, a section noted for its fine Muskmelons. The Melons average about five inches in length, and are of most delicious flavor; flesh is smooth-grained and light green colored. It is a very popular variety, and the melons are found on the tables of all the leading hotels and restaurants during their season. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Netted Rock. (See cut.) A distinct variety, about the same size as "Rocky Ford," but more heavily netted. The seed cavity is small, and the flesh, which is green, is thick and sweet, containing a high percentage of sugar. A most important feature of this melon is its ability to withstand rust and blight, as it is nearly proof against either. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Netted Gem. One of the earliest small Melons. Globular shape, uniform in size; flesh light green, tinged with yellow, and of very fine flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Jenny Lind. The earliest variety; netted, of small, round size; excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Montreal Market. Largest of the nutmeg varieties; flesh green. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Extra Early Hackensack. A careful selection from the Hackensack, ready for market ten days earlier, and fruit much like the parent in shape and color of the flesh, which is light green, very thick, sweet and juicy. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Cassabah. A large, oblong Melon; green flesh, prolific and of delicious quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.; lb., \$2.25.

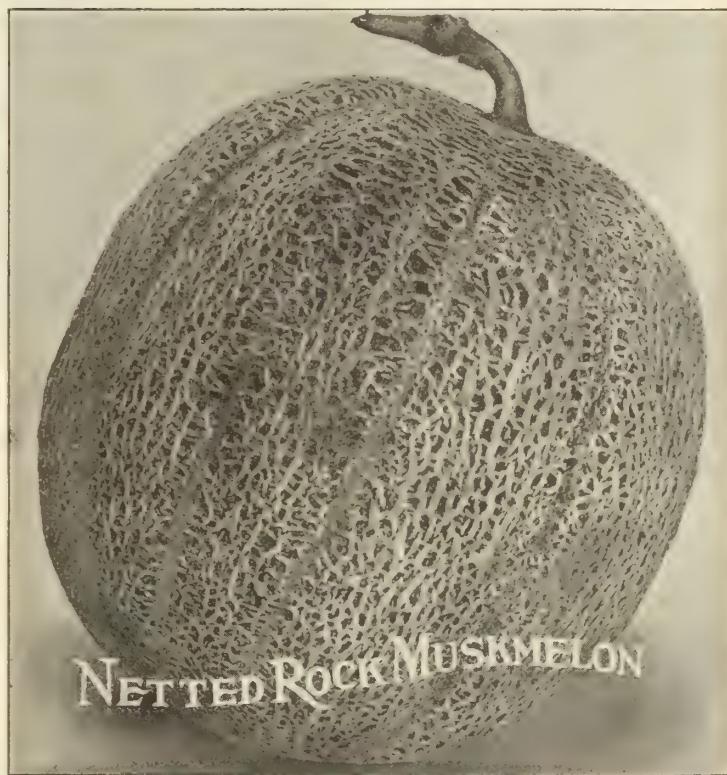
Burrell's Gem. Skin is rather dark green and rind thin, leaving a thick lining of salmon flesh, which is of most delicious, juicy flavor, and fairly melts in the mouth. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Emerald Gem. A small, very early Melon; flesh salmon-colored and flavor is exceptionally fine. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Defender. Medium size, salmon flesh and delicious flavor; oval shape, slightly ribbed and covered with a slight netting. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Miller's Cream, or Osage. The fruits are large and round, with light green netted skin, and thick, sweet, salmon-colored flesh. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Admiral Togo. An excellent salmon-fleshed Muskmelon. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.



Mango, or Vegetable Orange Grows to the size of an orange and used for preserving. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., \$1.50.

IMPORTED MUSKMELONS FOR FORCING.

Blenheim Orange. A favorite variety; scarlet flesh, good flavor and very prolific. Pkt., 25 cts.

Windsor Castle. Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25 cts.

MARTYNIA. Gemschorn, GER.

Culture.—The seedpods are used for pickling, when gathered young and tender. Sown in the open ground in May, in hills 3 feet apart each way, or in a hotbed, and afterwards transplant. If once planted in the garden volunteer plants are likely to spring up the following year from scattered seeds.

Martynia Proboscidea. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{2}$ lb., 85 cts.; lb., \$3.00.

Senf, GER. **MUSTARD.** *Moutarde*, FR.
Mostazo, SP.

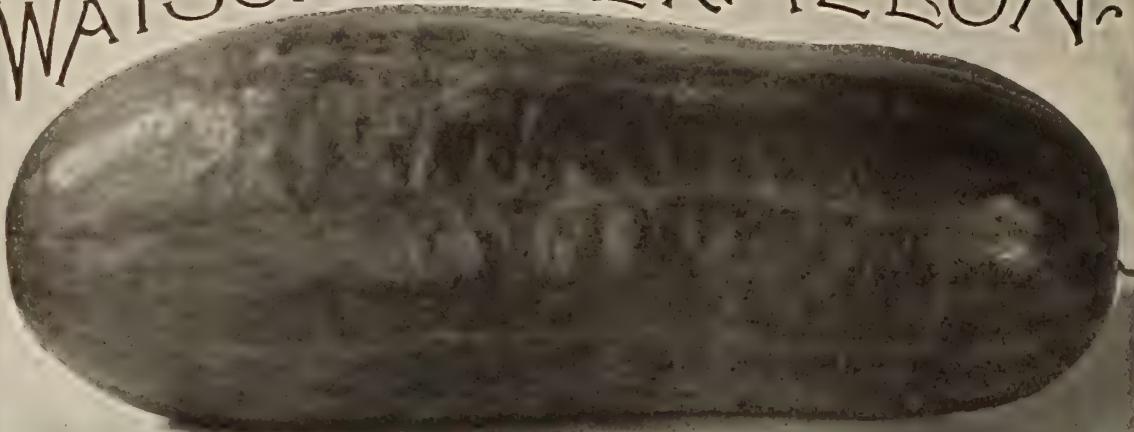
One ounce will sow 100 feet of drill.

Culture. A small, pungent salad used like cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

White London. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 40 cts.

Chinese. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 75 cts.

WATSON WATERMELON.



Wasser Melone, GER.

WATERMELONS.

Melon d'eau FR. Zandia, SP.

One ounce for thirty hills; four to five pounds for an acre.

CULTURE. See directions given under Muskmelons. Watermelons, however, are slightly less subject to "bug" depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.

Yellow Ice Cream. (See colored plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 50 cts.; lb., \$1.50.

Harris' Earliest. This excellent Watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet, Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Cole's Early. An early variety. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Alabama Sweet. A large and attractive Melon, oblong in shape, early in maturing, and very sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Ice Cream. Skin mottled gray, flesh pink. Very solid and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Dark Icing. Very solid, rind thin, and highly prized as a shipper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Kolb Gem. Of a delicious, sugary flavor, bright red flesh. It is firm and solid and an excellent keeper. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Watson. (See cut.) A large oblong Melon. The rind is thin but tough, and the flesh a bright, attractive red color, of a delicious, sweet and satisfying flavor. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Dixie. A cross between the Kolb Gem and old-fashioned Mountain Sweet. Flesh bright red and good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Monte Cristo, or Kleckley Sweets. Oval shape, skin dark and somewhat mottled. Flesh bright scarlet and very sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Sugar Stick. Oblong shape and fair size. Skin mottled green and white, flesh bright red, heart large and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Sweet-Heart. Flesh bright red, melting and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Cuban Queen. One of the largest varieties, flesh bright red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Mammoth Ironclad. Grows to a large size, solid and of most delicious flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

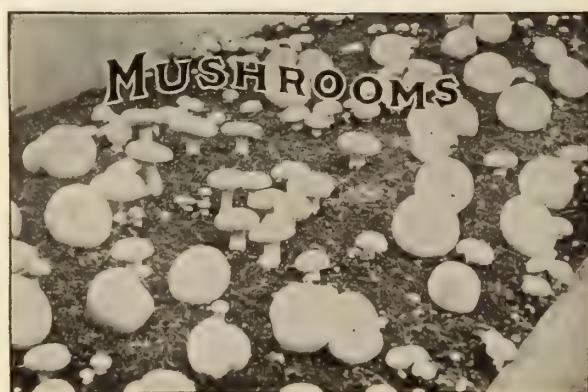
Colorado Preserving Citron. Excellent for making preserves. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

DREER'S RELIABLE MUSHROOM SPAWN.

English Milltrack Spawn. A splendid make of English Spawn which gives excellent results, producing large crops of Mushrooms. It is made with great care, and is full of live "mycelium." It is made in bricks, of about $1\frac{1}{2}$ lbs., and each brick is sufficient for 8 square feet of bed. Per brick, 15 cts. (by mail, 25 cts.); by express, 12 bricks, \$1.50; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00.

Pure Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of inoculation, only large and vigorous specimens of Mushrooms being used for the purpose. *Direct Bricks*, inoculated direct from pure cultures. Per brick, 30 cts. (by mail, 40 cts.); by express, 5 bricks, \$1.25; 10 bricks, \$2.25; 25 bricks, \$5.50; 50 bricks, \$10.00.

Dreer's Mushroom Circular free on application. Tells how to prepare the Mushroom bed and take care of crop. If interested in growing Mushrooms write for a copy.



DREER'S CHOICE ONION SEED.

Zwiebel, GER.

Oignon, FR.

Cebolla, SP.

One ounce of Onion seed for 200 feet of drill, 4 to 5 pounds for one acre.

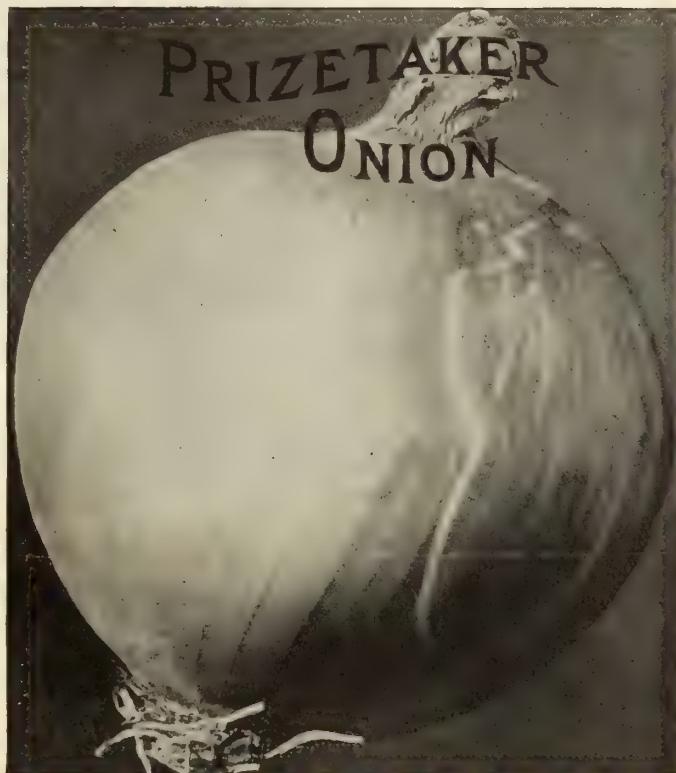
CULTURE.—For early green or bunching Onions, sow seed of Silver Skin or other Hardy white varieties in early August in well prepared and well drained, rich, loamy soil, giving one foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well drained and well manured piece of land, prepare a perfect seed bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seed per acre. Use wheel-hoe and weeders freely, and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seeds in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as the Prizetaker and Southport Globes, under glass in January, February or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

Alisa Craig. (See Specialties, page 8.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Yellow Globe Danvers. (See cut.) Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are specially and carefully selected as to shape. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Southport Yellow Globe. A very large, handsome, globular-shaped yellow variety, very productive, of mild flavor. The outer skin is pale yellow; the bulbs are of a beautiful globe shape and good keepers. It is very hardy and an excellent Onion for main crop. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Philadelphia Yellow Dutch, or Strasburg. Ripens early and makes good size Onions. A good keeper and well flavored; bright straw-colored skin and somewhat flattened shape. This variety is largely grown for sets on account of its excellent keeping qualities. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.



Prizetaker. (See cut.) The large size and handsome appearance of this Onion makes it equally desirable for the home garden or for market. It is strictly "fancy," and will be found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe-shaped, has pale-yellow skin and white flesh, which is very mild and of delicate flavor. No sets are required, as the large Onions are grown the first year from seed sown during the spring. This is a good variety of Onion for sowing under glass in February for transplanting. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Extra Early Red. Earlier than the Wethersfield and somewhat smaller, close-grained and a good keeper. The Onions are flat in shape, grow very uniform and are somewhat strong in flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Large Red Wethersfield. Grows to full size the first season from seed. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong-flavored and an excellent keeper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Southport Red Globe. Beautiful globe shape, of medium size, a good keeper and of superior quality. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

White Welsh Onion. Used for early spring green bunching Onions or scallions, and ready for pulling about time ordinary sets are planted. They do not make much bottom, as they are distinctively a bunch Onion. Very mild and delicate flavored. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.





Southport White Globe. (See cut.) A very desirable variety which yields an abundant crop of fine large Onions. Pure white color, mild flavor, and equally good for keeping as the Yellow Globe. It is an enormous yielder, and always sells at high prices. It is best to dry these Onions in a shady place and give plenty of air. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.; lb., \$2.50.

White Portugal, or Silver Skin. One of the leading white sorts, beautiful shape and mild flavor. The bulbs are flat in shape and mature early. It is largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. It is also extensively used as a pickling onion, for which purpose it is well adapted. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$2.00.

White Queen, or Barletta. A rapid-growing variety of mild flavor; pure white, and as it does not grow to a large size, it is a fine onion for pickling. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$2.00.

Mammoth Silver King. A flat variety, which will produce large Onions first year from seed. Specimens have been grown to weigh as high as 4 lbs. Skin pure white and flesh tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 60 cts.; lb., \$2.00.

CHOICE ONION SETS.

Prices subject to market changes.

If by Parcel Post add as follows: To points East of the Mississippi River, 8 cts. quart; West of the Mississippi River, 15 cts. quart.

Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the row.

	By express at purchaser's expense.	
	PER QT.	4 QTS.
Yellow Onion Sets	\$0 20	\$0 70
White Onion Sets	25	90
Red Onion Sets	25	90
White Potato (Multiplier)	30	1 00
Yellow Potato Onions	30	1 00
Egyptian, or Perennial Tree	20	70
Shallots	30	1 00
Garlic	50	2 25

Chives. (See Vegetable Plants, page 251.)
When larger quantities of Onion Sets are desired write for prices.

OKRA, OR GUMBO.

Essbarer Eibisch, GER. Gombaud, FR. Quimbombo, SP.

Culture. This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground, about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills. Culture otherwise much like corn.

Perkins' Long-pod Okra. An exceedingly handsome variety of Okra, which is a great improvement upon other varieties heretofore grown. The pods grow 4 to 5 inches in length and are very tender, long, slim and of a beautiful deep green color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 65 cts.

Dreer's Little Gem. The best of the dwarf sorts. It makes a stocky growth of plant and is very productive. The pods are long, slender and of a light green color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 75 cts.

Improved Long Green. (See cut.) An old-time favorite; very productive and bears long pods, which are of good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 60 cts.

White Creole (White Velvet). Pods free from ridges and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 75 cts.



Petersilie, GER.

PARSLEY.

Persil, FR. Peregil, SP.

CULTURE. Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and $\frac{1}{2}$ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

Dreer's Dwarf Perfection. (See cut.)

A compact variety, with fine curled leaves so closely set as to form an almost semi-globular plant. Color bright pea-green, and the flavor surpasses all other varieties of Parsley. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Dreer's Summer Green. Especially adapted for summer. It is a strong and vigorous grower, and produces large, finely curled leaves of beautiful dark green color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dwarf Extra Dwarf Perpetual.

Leaves tender, crimped and very curly, of a bright green color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Champion Moss Curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Half Curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Fern Leaved. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Plain. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Turnip-rooted, or Hamburg Parsley. The root resembles a parsnip. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Pastinake, GER. **Parsnip.** **Panaïs, FR.**



Chirivía, SP.

PEPPER.

Pimiento, SP.
Piment, FR.

Pfeffer, GER.

PEPPER.

One ounce of seed for 1000 or 1500 plants.

Culture.—Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring and danger from belated freezes is over, transplant to open ground in warm, very rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows. The large, sweet sorts have become very popular and are always in large demand.

Large Sugar, or Hollow Crown. The best variety; roots long, very smooth, white, tender and sugary. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Student, or Guernsey. A good half-long variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.



Giant Crimson.—Upright growth, very vigorous and produces fruits nearly as large as "Chinese Giant." It ripens early and when matured, the peppers are deep crimson and flesh very mild. It is a valuable addition to the varieties of sweet pepper. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Chinese Giant Pepper. (See cut.) This desirable variety is undoubtedly the largest Sweet Pepper ever offered. The flesh is quite thick, very mild and remarkably sweet. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Ruby Giant. A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Ruby King. Good variety for mangoes or pickling; very productive and sweet. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Large Bell, or Bull Nose. Large early variety, mild flavor, thick and fleshy. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Hot Bell. Same shape as Bull Nose, but flavor is very hot. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Neapolitan. A variety of Sweet Pepper which matures very early. It grows about 3 inches long and is remarkably sweet. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

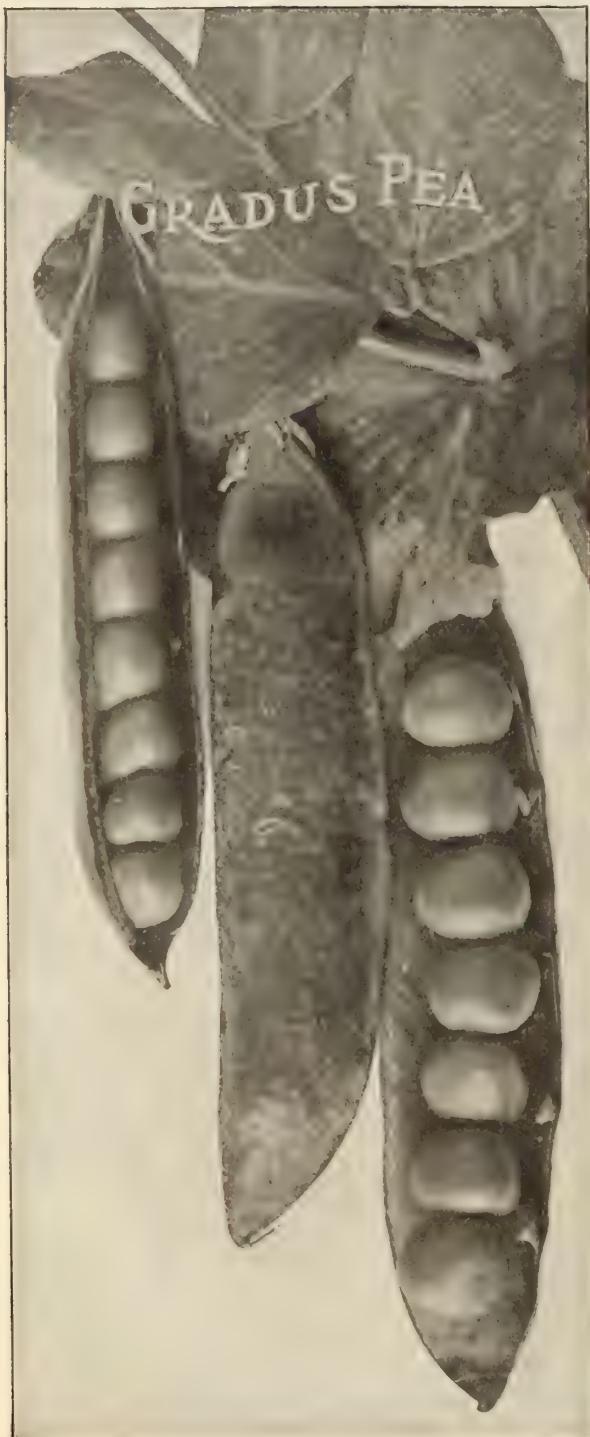
	PKT.	OZ.	1/4 LB.
Long Sweet Spanish	\$ 05	\$ 30	\$ 0 85
Long Red Cayenne	05	30	85
Small Chili	05	30	85
Golden Dawn	05	30	85
Red Cherry	05	30	85
Celestial	05	30	85
Red Japan Cluster	05	30	85
Tabasco	10	45	
Creole, or Bird's Eye	10	45	
PEPPER PLANTS.	(See page 251.)		

Erbser, GR.

GARDEN PEAS.

One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre.

CULTURE.—Peas of extra early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give us a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. The very dwarfest sorts of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.



PEAS BY PARCEL POST.

The prices given in this catalogue for Peas of all kinds are for same to be sent by express, or freight at purchaser's expense. If pints or quarts are wanted sent by Parcel Post remit extra as follows:—

To points East of Mississippi River, 8 cts. pt.; 12 cts. qt.

To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

Packets of all varieties of Peas, 10 cts. each.

Buttercup. (See colored plate and page 8.)

Laxtonian. (See Specialties, page 9.)

Dreer's Eureka Extra Early. We have been improving this extra early Pea for years, and now have a very choice strain. The vines make a vigorous growth and pods mature evenly and at a very early season; height, 20 inches. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Dreer's Electric Extra Early. This is a variety of the Alaska type, but a great improvement, being much earlier, bearing large pods. The vines grow 2 feet high, and are loaded down with pods. It is the best variety of this type. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Alaska. An extra early round Pea, pods of a dark green, height 2 feet. By express or freight, at purchaser's expense, Pt. 20 cts.; qt., 30 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.00; peck, \$1.75.

Market Surprise. This new early Pea was first sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the extra early varieties. The plant grows to a height of 30 inches, pods are large and well filled with Peas, which are remarkably sweet and fine-flavored. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Little Marvel. For the early crop, this variety is better than American Wonder or Nott's Excelsior, as it matures earlier and the pods contain more peas. It is dwarf, about 15 inches high, plants are very productive, bearing many twin pods, which are dark green. By express or freight, at purchaser's expense, Pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Gradus, or Prosperity. (See cut.) This variety combines the finest quality with extreme earliness, and is also very productive. It is hardy and can be planted fully as early as the smooth Peas. Grows vigorous and healthy, bearing pods fully as large as Telephone. The Peas are a beautiful light green, which color they retain after being cooked. Vines 3 feet in height. By express or freight, at purchaser's expense, Pt., 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Thomas Laxton. An early variety of large-podded Pea. The plant is a very hardy and strong grower, producing extra large size pods in abundance, and the quality is delicious. This variety will mature as early as many of the smooth extra early Peas; height 3 feet. By express or freight, at purchaser's expense, Pt. 25 cts.; qt., 40 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Pois, Fr.

Chicaros o Ginsanies, Sp.

GARDEN PEAS—Continued.

PEAS BY PARCEL POST

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PACKETS OF ALL VARIETIES OF PEAS, 10 CTS. EACH.

The Leader. This grand early variety was produced by carefully selecting the rounder seeds found in "Gradus," or "Prosperity," the originator desiring to secure a more hardy variety. The vines grow three feet high, make a vigorous growth and produce the large pods in great abundance fully as early as "Gradus." By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Early Morn. An English variety of the Gradus type. The Peas are large, closely packed in the pod. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

Sutton's Excelsior. This handsome wrinkled Pea is so hardy that it may safely be planted as early as the hard-seeded "Extra Earlies." The plants are dwarf, about 14 inches high, very stout, exceedingly productive, and the quality is all that could be desired. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

American Wonder. A very fine, extra early wrinkled variety, well suited for the private garden, height 1 foot. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Nott's Excelsior. An improvement on American Wonder, being as early and pods decidedly larger; height 14 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Surprise Pea. This Pea is one of the earliest of the wrinkled sorts. Vines grow about 2 feet high, and are enormously productive. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Premium Gem, or Little Gem. A fine flavored dwarf wrinkled variety; height 18 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

SECOND EARLY AND MEDIUM VARIETIES.

Lincoln. Grows about 1½ feet in height and produces long, curved, deep green pods in pairs, literally covering the plant. By express or freight, at purchaser's expense, pt., 25 cts.; qt., 40 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.50; peck, \$2.50.

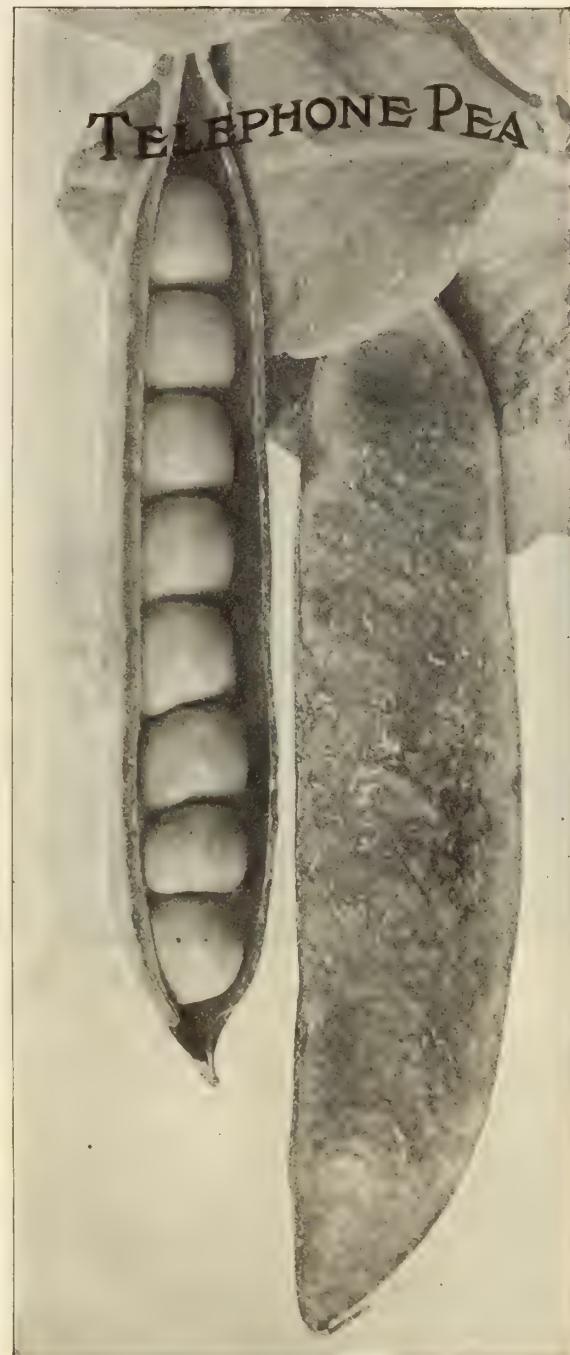
Abundance. Pods contain 6 to 8 large wrinkled Peas, and ripen about one week after the earliest kinds; height 1½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Advancer. Prolific, well filled, long pods, tender and delicious flavor; 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

Shropshire Hero. Produces long, handsome, well-filled pods in great abundance; 2½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Heroine. A medium early green wrinkled Pea; height 2 to 2½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Fillbasket. Pods well filled with medium-sized Peas; height 2½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

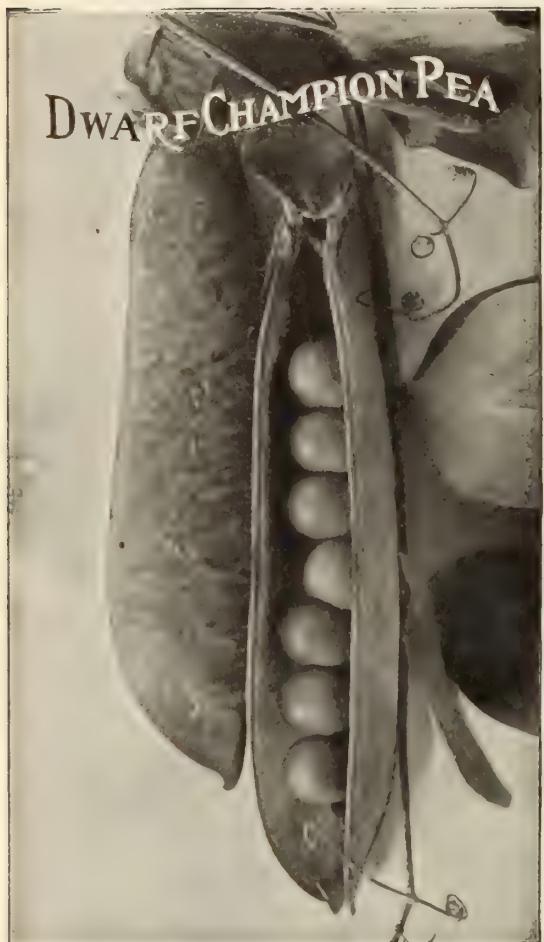


GENERAL LATE CROP.

Telephone. (See cut.) Vines are very strong in growth and average 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 Peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height 3½ feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Potlatch. Vines grow about 20 inches high and produce the large pods in pairs. Matures in about 65 days and quality is excellent. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post, add as noted at top of page); 4 qts., \$1.25; peck, \$2.25.

GARDEN PEAS.—General and Late Crop (Continued).



PEAS BY PARCEL POST.

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To points East of Mississippi River, 8 cts. pt.; 12 cts. qt.

To points West of Mississippi River, 15 cts. pt.; 25 cts. qt.

PACKETS OF ALL VARIETIES OF PEAS, 10 CTS. EACH.

Dwarf Champion. (See cut.) Hardy and fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Carter's Daisy, or Dwarf Telephone. This is a dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality; height, 18 inches. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Long Island Mammoth, or Telegraph. A very productive late variety. By express or freight, at purchaser's expense, pt., 20 cts.; qt., 35 cts. (if by Parcel Post add as noted at top of page); 4 qts., \$1.10; peck, \$2.00.

Prices for the varieties of Peas offered in the following list are by express or freight, at purchaser's expense. If wanted by Parcel Post add as noted at top of page:

	PINT.	QUART.	4 QUARTS.	PECK
Champion of England.	20	35	\$1.10	\$2.00
Pride of the Market.	20	35	1.10	2.00
Everbearing	20	35	1.10	2.00
Yorkshire Hero	20	35	1.10	2.00
Large White Marrowfat	15	25	.90	1.50
Black-eyed Marrowfat	15	25	.90	1.50
French Canner (Petit Pois)	20	35	1.25	2.25
Melting Sugar	25	40	1.50	2.50
Giant Sugar	25	40	1.50	2.50

FIELD PEAS. (See page 46.)

Grosse-Kurbis, GER.

PUMPKIN.

Potiron, FR.

Calabaza, SP.

Culture.—Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines. **One ounce for 25 hills, 3 pounds for an acre.**

Sugar, or New England Pie. (See cut.) For making pies this variety cannot be excelled. The Pumpkins are small, but very sweet, fine-grained and of the best quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Winter Luxury Pumpkin. A very good keeper and a splendid pie Pumpkin; shape round, skin finely netted, and beautiful russet-yellow color; flesh thick and of fine flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 85 cts.

Mammoth Golden Cashaw. An improvement on the old light-colored Cashaw, the skin being a golden-orange color. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Large Yellow Mammoth Potiron (King of the Mammoths, Jumbo). Specimens have been grown weighing over 100 pounds. Skin rich dark yellow, flesh lighter shade. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.50.

Quaker Pie Pumpkin. A fine-grained, oval-shaped Pumpkin of rich flavor. Keeps well if stored in a dry place. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Large Cheese. Skin orange, flesh yellow and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 25 cts.; lb., 75 cts.

Tennessee Sweet Potato. Pear-shaped, thick white flesh. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Large Yellow Field. For feeding stock. Oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 55 cts. By express, 10 lbs., \$4.50.

SUGAR OR NEW ENGLAND PIE PUMPKIN





Culture. Any good, well-drained, fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. **8 to 10 bushels will plant an acre.**

IMPORTANT.—Prices of Potatoes are subject to market changes. We assume no risk on Potatoes, and ship strictly on paying charges.

Dreer's Early Standard. (See cut.) An extremely early new variety, which matures fully one week ahead of the Bovée. The tubers are produced abundantly and are of a uniform size. The plants are of dwarf, compact habit in growth, strong and healthy, free from blight and disease, and will also withstand drought. When the tubers are matured, the vines die down and never make a second growth. It invariably produces a large crop of smooth Potatoes, which are roundish in shape, beautiful white skin, very smooth and few eyes. The quality is superb; flesh being pure white, and cooks very mealy. $\frac{1}{2}$ peck, 45 cts.; peck, 75 cts.; bu., \$2.25; bbl. sack, \$5.00.

Bliss' Triumph. Extremely early, round, thin, bright red skin, white flesh; sometimes sold in market as Bermudas. Peck, 70 cts.; bu., \$2.00; bbl. sack, \$4.50.

Pride of the South, or White Bliss. White skin and flesh, extra early and productive. Peck, 65 cts.; bu., \$1.85; bbl. sack, \$4.25.

Bovée. Earlier than the Early Rose and a much more productive variety. The vine is dwarf and stocky, skin pink or flesh color, presenting a fine appearance, and the quality is all that could be desired. Peck, 60 cts.; bu., \$1.75; bbl. sack, \$4.00.

Beauty of Hebron. This is an old-time favorite which matures early; tubers have red and white skin, grow to a good size and are of excellent quality. It is also a very productive variety and a remarkably good keeper. Peck, 60 cts.; bu., \$1.75; bbl. sack, \$4.00.

Irish Cobbler. One of the first varieties of Potatoes to be ready for market, and therefore will command a good price. The skin is creamy-white, sometimes netted, which is an indication of good quality; eyes are strong, well-developed, and but slightly indented. The flesh is white and of fine flavor. Peck, 60 cts.; bu., \$1.75; bbl. sack, \$4.00.

Potatoes are forwarded by express or freight as directed, purchaser's responsibility. Sacks contain 165 lbs. of Potatoes.

Early Rose. We sell more of this variety than any other, as it is the leading early sort in almost all sections. The stock we furnish is northern-grown, and has been carefully grown. Peck, 60 cts.; bu., \$1.75; bbl. sack, \$4.00.

Early Ohio. An old-time favorite; matures early, and the Potatoes are fit for use before fully ripe. Many growers consider it the most profitable early market variety. Peck, 65 cts.; bu., \$1.85; bbl. sack, \$4.25.

Burbank's Seedling. A white-skinned, medium early variety, with few eyes; flesh fine-grained and good flavor. Peck, 60 cts.; bu., \$1.75; bbl. sack, \$4.00.

White Star. A medium early variety of fine quality and appearance; large, oblong, uniform-sized tubers, remarkably productive. Peck, 60 cts.; bu., \$1.75; bbl. sack, \$4.00.

State of Maine. Medium early, splendid flavor, cooks dry, is a good keeper and very productive. Peck, 55 cts.; bu., \$1.60; bbl. sack, \$3.75.

Carman No. 1. Intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect. Peck, 55 cts.; bu., \$1.60; bbl. sack, \$3.75.

Carman No. 3. Originated on the trial grounds of the "Rural New Yorker." It is a good late variety and one of the greatest yielders; large, oblong, slightly flattened. Peck, 55 cts.; bu., \$1.60; bbl. sack, \$3.75.

Rural New Yorker No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. It is the best late long keeper, and we recommend it highly. Peck, 55 cts.; bu., \$1.60; bbl. sack, \$3.75.

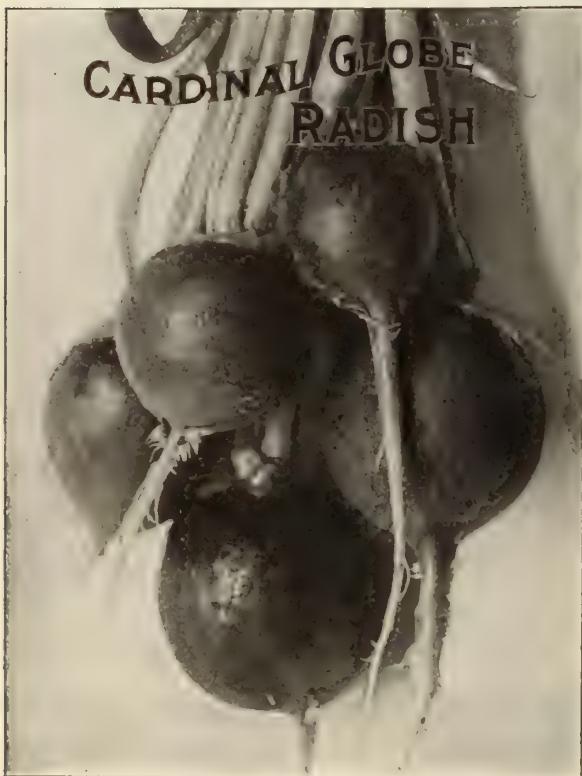
Sir Walter Raleigh. This valuable variety is a seedling from Rural New Yorker No. 2, which variety it resembles very much. The flesh is white and fine-grained; it produces heavy crops, and the Potatoes grow to a large size. Peck, 55 cts.; bu., \$1.60; bbl. sack, \$3.75.

RADISH.

Radieschen, Rettig, GER. Radis, Rave, Petite Rave, FR. Rabana, SP.

One ounce of seed will sow 100 feet of drill.

CULTURE.—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared, and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or in frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.



New Perfection. (See Specialties, page 8.) Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dreer's First and Best. (See Specialties, page 9.) Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Cardinal Globe. (See cut.) Those who like the crisp little red Radishes that come so early will be pleased with this variety. The Radishes grow globular in shape, and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore it is a quick forcer, and the quality is fine, being crisp and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dreer's Crimson Ball. A dainty little Radish, of mild flavor; skin bright red, flesh tinged with red. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Crimson Giant. An extra early Radish, good for forcing or outdoor growth. It is nearly round in shape, remarkably solid, crisp and juicy. Can be allowed to grow for a long time before getting hollow. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

White-tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

French Breakfast. Oblong shape, very mild and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Round Red Forcing. One of the earliest and best of the Turnip varieties for forcing, very short-leaved, small top; color of skin dark red, white-fleshed. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

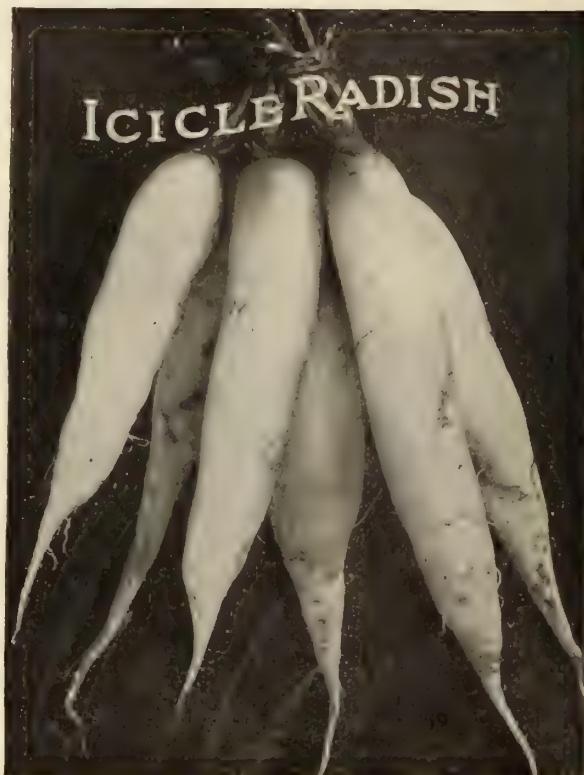
Earliest White May. This variety produces small, round white Radishes very quickly. The tops are quite small, and when the Radishes are bunched they make a very attractive appearance. The flavor is fine, being crisp and tender. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Dreer's Earliest White Globe Forcing. The earliest white olive-shaped Radish in existence, beautiful, transparent ivory-white skin, very small root, small top; flesh white, tender and crisp. It is particularly adapted to forcing in greenhouse or hot-bed, also does well in open ground. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Dreer's Crystal Forcing. Of remarkably quick growth, beautiful shape; small top. A very desirable and shapely Radish, in fact, we consider it superior to any other round white forcing Radish. Compared to such white sorts as White Box, Round White Forcing, etc., it is far superior, both as to quickness of growth and fine quality. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Icicle Radish. (See cut.) A long Radish, transparent white, small top, allowing close planting, and are very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

	PKT.	OZ.	$\frac{1}{4}$ LB.	LB.
Early Scarlet Turnip	5	10	25	75
Cincinnati Market	5	10	25	75
Long Scarlet Short Top	5	10	25	75
Philadelphia White Box	5	10	30	85





RADISH—*Continued.*

SUMMER RADISHES.

Dreer's White Delicacy. An attractive long white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

White Strasburg. Roots oblong; pure white; mild flavor. Can be used while quite small, and is an excellent sort for growing during the summer season. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Beckert's Chartier. Long crimson, shaded white. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Long White Vienna (Lady Finger). Skin and flesh are pure snow-white; crisp and of rapid growth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

WINTER RADISHES.

White Chinese, or Celestial. (See cut.) One of the best winter Radishes; stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor; skin pure white and flesh may be used at all stages of growth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Scarlet China. Bright rose color. Flesh white, crisp and pungent. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Krewson's Oblong Black Spanish. An improvement on the Round Black Spanish; longer and of much more perfect form. It grows very solid and is of crisp, mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Round Black Spanish, Long Black Spanish, Long White Spanish. Each at: Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00



RHUBARB.

Rhabarber, GER. *Rhubarbe*, FR. *Ruibarbo*, SP.
One ounce of seed to 125 feet of drill.

Culture.—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close together on cellar bottom or under greenhouse bench in the dark.

Linnæus. Early, large, tender and very fair. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

Victoria. Very large, the finest cooking variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

(For Rhubarb Roots see page 251.)

Hafer-Wurzel, GER. **SALSIFY** *Salsifis*, FR. *Ostion Vegetal*, SP.
or **VEGETABLE OYSTER**.

One ounce for 50 feet of drill.

Culture.—Used the same as carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeed best in a light, well-enriched mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep; thin to 6 inches in rows.

Mammoth Sandwich Island. (See cut.) This variety of Salsify grows to a very large size and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.

Long White. A favorite market variety and fine flavored. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

Long Black, or Scorzonera. Resembles above, but black. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

SORREL.

Sauerampfer, GER. *Oseille*, FR. *Acedera*, SP.

Culture.—Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

Large-leaved Garden. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.



Speise-Kurbis, GER.

SQUASH.

Courge, FR.

Calabaza, SP.

One ounce of seed for 25 hills, 3 to 4 pounds for an acre.

CULTURE.—All Squashes do best in warm and very rich soil. Plant in well-manured hills, same as melons or cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such losses is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. Winter Squashes may also be grown in cornfields in same manner as it is customary in many places to grow pumpkins.



Extra Early Jersey White Bush. An improved strain of the old White Bush Squash, the result of selections which have been made by a prominent market gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, are of good size, and show less ridge than the ordinary White Bush Squash. The flavor is delicious. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Golden Custard Bush. Similar in shape to the White Bush variety, but skin is a rich golden-yellow and flesh pale yellow. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Giant Summer Crook-neck. Much larger than the original Summer Crookneck and more desirable, being fully as early and of more vigorous growth. The flesh is thick, yellow, and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Delicious. Finer grained and more delicious than Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Boston Marrow. A good keeper, of excellent flavor; flesh orange-colored and fine-grained; oval form and a popular sort. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Warted Hubbard. A Hubbard Squash with warted skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Hubbard. A reliable old-time variety of winter Squash. Large size; flesh bright orange color, fine-grained, dry and has a good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

Golden Hubbard Squash. Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden yellow; cooks dry, fine flavor. A good keeper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.25.

Mammoth Chili Squash. Rich orange-yellow; flesh thick and of good quality for making pies; also good for feeding stock. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.50.

VEGETABLE MARROWS.

Long Cream. (See cut.) A vine variety; skin creamy white and flesh very tender, used like Squash, or Egg Plant. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{2}$ lb., \$1.00.

English Marrow. A bush variety; fruits shorter than Long Cream, but quality very good. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{2}$ lb., 75 cts.

Long Green. Long and rather slim, with striped green skin; a vine variety; very productive and deliciously flavored. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{2}$ lb., \$1.00.

Cocozelle Bush. Oblong, skin green-striped; excellent quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.

Spinat, GER. **SPINACH.** *Espinard, FR.* *Espinaca, SP.*

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

Culture. Spinach is an important market gardener's crop of easy culture. For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on Spinach. Spinach is sometimes forced by sowing in early September in frames, over which sash is placed during February and March, and further protected by mats during severe freezing weather.

Dreer's Round-seeded Savoy. This is the hardiest large Savoy-leaved; curled and crimped, with thick, fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 40 cts.; 10 lbs. or more, by express or freight at purchasers expense, 30 cts. per lb.

Long Season Spinach. Sowings can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer, hence its appropriate name, "Long Season." The leaves are a rich dark green color, very thick, crumpled and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 45 cts.; 10 lbs., or more, by express or freight at purchaser's expense, 35 cts. per lb.

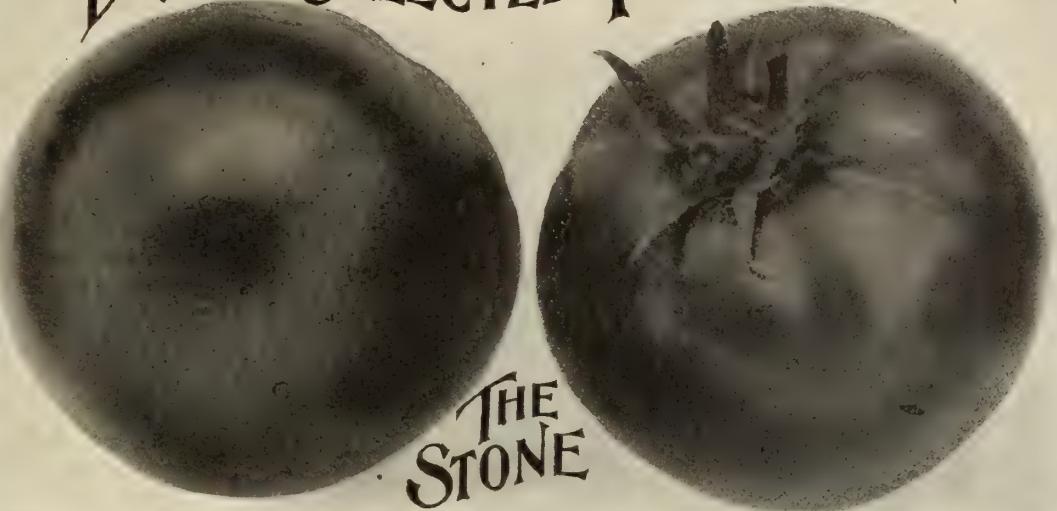
Victoria. This variety is of remarkably fine texture, of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem; it is now grown extensively by the truckers of our markets, who value it highly. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 40 cts.; 10 lbs. or more, by express or freight at purchasers expense, 30 cts. per lb.

Long-standing Round-seeded. A large, crimped, thick, fleshy Savoy-leaved variety. Slow to run to seed. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 40 cts.

Prickly-seeded. The hardiest variety, having small leaves; is not so productive as the above sorts. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 20 cts.; lb., 45 cts.

New Zealand. This endures heat and is best for summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{2}$ lb., 30 cts.; lb., \$1.00.

DREER'S SELECTED TOMATO SEED



CULTURE.—For first early Tomatoes select varieties of the earliest types, and start the plants under glass during February. When plants are 2 inches high, transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted to open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frost is past. For main crop, the plants can be started somewhat later, in hotbed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. A very ornamental show can be made in the home garden by training tomato plants to stakes, poles or trellis. Applications of superphosphate, or of some good complete (vegetable) fertilizer often have a very happy effect on Tomatoes in hastening maturity and increasing the yield. **One ounce of seed will produce from 3,000 to 4,000 plants.**

Early Detroit. (See Specialties, page 9.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Comet. (Forcing.) An excellent variety for forcing. Fruits medium size, color rich scarlet, of good quality and produced in clusters. Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Lorillard. (Forcing.) A good sort for forcing under glass as well as for out-door culture; bright red, smooth, early. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Spark's Earliana. An extra early variety. Fruits smooth and bright red. Largely grown by New Jersey growers, who get the tomatoes in market very early. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Bonny Best. An early and productive variety. Fruits are round, somewhat flattened at stem end, and are produced in abundance. The color is scarlet, and it is a good forcing Tomato. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

June Pink. This is really a pink "Spark's Earliana," as it resembles that variety in every way except the color, which is pink. The fruits grow in clusters, and begin to mature very early, measure 3 inches in diameter and are of excellent quality. It bears for a long season, until the vines are killed by frost. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Dwarf Champion. An early and distinct variety, medium in size, plant of dwarf and compact growth. Color purplish-pink. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Paragon. A fine early variety. Fruit deep red, solid and smooth as an apple. A good Tomato either for slicing or canning. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Favorite. Large size, ripens evenly and early; very prolific, good flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Acme. A good Tomato for family use; ripens evenly; of medium uniform size, round, very solid, of a pinkish color. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Beauty. Rich glossy crimson, with a slight purple tinge; large size, very smooth and solid. Vines make good strong growth and are very productive; fruits begin ripening about mid-season. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

The Stone. (See cut.) Dreer's selected stock. Fruit very large and deep; bright scarlet; smooth; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality. The plants grow vigorously and are very productive; the Tomatoes are heavy and thick-meated, making it an extremely valuable variety for family use and for canning purposes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Dwarf Stone. This Tomato resembles the original Stone in color and shape, and what is remarkable for an erect sort, it is practically the same size and equally as productive. Shape is perfect, very solid, ripens evenly and is of excellent flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Matchless. A large, bright red Tomato, very solid and meaty, containing but few seeds, and the flavor is excellent. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Trophy. An old-time favorite. Large size, smooth, solid and excellent flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Dreer's Superb Salad. This variety is distinctly a salad Tomato, as it is just the right size for serving whole with lettuce or for putting up whole in jars. The color is a rich scarlet. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Ponderosa. This is one of the largest varieties. The fruits are a purplish-pink color, very solid and ripen early, continuing to do so until frost. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Crimson Cushion. Large size, nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Golden Queen. A very handsome large yellow Tomato. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

PRESERVING TOMATOES.—The following small-fruited varieties are used for making preserves, and are also quite ornamental: **Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry.** Each at 5 cts. per pkt.; 30 cts. per oz.

TOMATO PLANTS. See page 251.

Steckrube, GER.

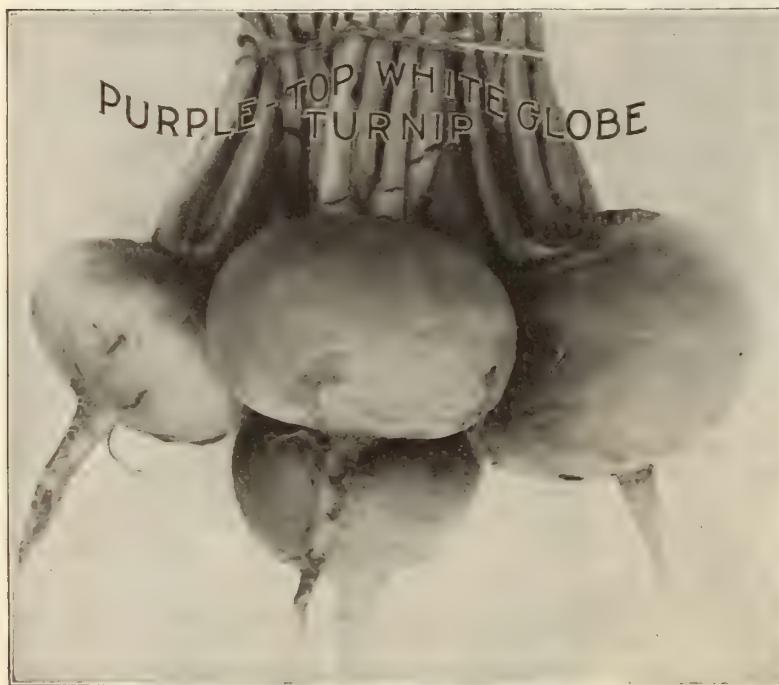
TURNIP.

Navet, FR.

Nabo, SP.

One ounce will sow 200 feet of drill, one to two pounds for an acre.

Culture. For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For ruta bagas, sow seed in seed-bed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.



Snowball. A fine-looking, pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin and are nearly round. This Turnip does not grow large, but is very tender and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Early White Egg. Matures very quickly and is adapted for either spring or fall sowing. Egg-shaped and very smooth. The roots grow partly above the ground, and are of medium size, pure white flesh and skin, fine grained and sweet. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Long White, or Cow Horn. Grows very quickly, partly above ground; very productive; flesh white, fine grained and sweet; of excellent quality for family use and for stock feeding. The roots are very large, sometimes fifteen inches long and two inches in diameter. This Turnip is also largely used for turning under as a green manure in conjunction with Crimson Clover, and is very valuable for this purpose. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Yellow Globe (Amber Globe). One of the best for a general crop. It produces a globe-shape root, with smooth skin and light-yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Golden Ball. A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper and a superior table variety or for stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Yellow Aberdeen, Purple-Top. Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size, and are valuable for feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

TURNIP.

Navet, FR.

Nabo, SP.

One ounce will sow 200 feet of drill, one to two pounds for an acre.

Purple-Top White Globe. (See cut.)

Globular shape, handsome and of superior quality either for the table or stock. Is a heavy producer, early, and a good keeper. The flesh is white and skin white, with purple at portion which grows above the ground. One of the best varieties, and very largely grown for market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Red or Purple-Top (Strap-Leaf).

This strap-leaf variety is good for early spring and fall use; top red or purple above ground, flesh fine-grained, mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Early White Flat Dutch (Strap-Leaf).

This is an early white-fleshed variety, of quick growth, mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

Extra Early Purple-Top Milan.

Handsome appearance, somewhat flattened, white, with purple top, flesh snow-white. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early White Milan. Like above, but pure white. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

RUTA BAGA.

Dreer's Improved Purple-Top. This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth, and flesh a beautiful yellow color and fine-grained. The flavor is good, being very sweet and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Budlong's Improved. White, very sweet; much milder flavor than any of the other sorts; globe-shaped; skin a cream-yellow. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

American Purple-Top. Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

Skirving's Purple-Top. An important variety of large size and strong growth; a heavy cropper and one of the best. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

TOBACCO.

Tabac, GER. Tabak, FR. Tabaco, SP.

One ounce of good seed is sufficient for an acre.

Culture. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood-ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on the stalk. Pkt., 5 cts.; oz., 25 cts.

Pennsylvania Seed Leaf. Produces a very large leaf and is extensively grown in Lancaster County, Pa. Pkt., 5 cts.; oz., 25 cts.

Havana. The seed we offer is the best Vuelta Abajo obtained by us direct from Cuba, and is the finest flavored Havana tobacco grown. Pkt., 10 cts.; oz., 40 cts.

DREER'S RECLEANED GRASS AND CLOVER SEEDS



A FIELD OF ALFALFA.



STORING ALFALFA.

Prices for larger quantities than one pound are f. o. b. Philadelphia, and subject to market changes.

Kentucky Blue Grass, Fancy Cleaned (*Poa pratensis*).

Also known as June Grass, Green Grass, etc. Valuable for lawns and pasture. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture. Lb., 30 cts., postpaid. Bu. (14 lbs.), \$2.00; 100 lbs., \$13.50.

Canadian Blue Grass (*Poa compressa*). Thrives well on clay. Sow 30 lbs. per acre. Lb., 25 cts., postpaid. Bu. of 14 lbs., \$1.50; 100 lbs., \$10.00.

Red-top, or Herds Grass (*Agrostis vulgaris*). Suitable for meadow, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, 1½ to 3 bushels per acre. Lb., 30 cts., postpaid. Bu. (10 lbs.), \$1.70; sack of 50 lbs., \$8.00; 100 lbs., \$15.00.

Red-top Grass, Extra Re-cleaned Seed. Lb., 50 cts., postpaid. Bu. (32 lbs.), \$11.50; 100 lbs., \$35.00.

Orchard Grass (*Dactylis glomerata*). One of the most valuable of the pasture grasses; makes a good hay. Sow 3 bushels to the acre. Lb., 30 cts., postpaid. Bu. (14 lbs.), \$3.00; 100 lbs., \$18.00.

English Rye Grass, or Perennial Rye (*Lolium perenne*). Sow 60 lbs. to the acre. Lb., 25 cts., postpaid. Bu. (24 lbs.), \$2.25; 100 lbs., \$8.00.

Italian Rye Grass (*Lolium italicum*). Valuable for pasture mixtures. 50 lbs. to the acre. Lb., 25 cts., postpaid. Bu. (18 lbs.), \$2.00; 100 lbs., \$9.00.

Meadow Fescue (*Festuca pratensis*). English Blue Grass, or Sweet Grass. Sow 50 lbs. to the acre. Lb., 35 cts., postpaid. Bushel (22 lbs.), \$4.50; 100 lbs., \$20.00.

Tall Meadow Fescue (*Festuca elatior*). Should form a part of all pasture mixtures on wet or clay lands. Lb., 45 cts., postpaid. Bu. (14 lbs.), \$4.50; 100 lbs., \$30.00.

Sheep's Fescue (*Festuca ovina*). Valuable for lawns and sheep's pastures. 40 lbs. to the acre. Lb., 40 cts., postpaid. Bu. (12 lbs.), \$3.25; 100 lbs., \$25.00.

Fine-leaved Sheep's Fescue (*Festuca ovina tenuifolia*). Excellent for lawns, etc. 30 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (14 lbs.), \$5.50; 100 lbs., \$38.00.

Hard Fescue (*Festuca durissima*). 30 lbs. to the acre. Lb., 40 cts., postpaid. Bu. (12 lbs.), \$3.25; 100 lbs., \$25.00.

Red, or Creeping Fescue (*Festuca rubra*). Suitable for sandy soils and at seashore; valuable for Putting Greens. Lb., 45 cts., postpaid. Bu. (14 lbs.), \$4.25; 100 lbs., \$28.00.

Meadow Foxtail (*Alopecurus pratensis*). 30 lbs. to acre. Lb., 55 cts., postpaid. Bu. (7 lbs.), \$3.00; 100 lbs., \$40.00.

Crested Dogtail (*Cynosurus cristatus*). 25 lbs. to the acre. Lb., 50 cts., postpaid. Bu. (21 lbs.), \$7.00; 100 lbs., \$30.00.

Bermuda Grass (*Cynodon dactylon*). Sow 8 to 10 lbs. to the acre. Lb., \$1.15 postpaid. Bu. (35 lbs.), \$35.00.

Rough-stalked Meadow Grass (*Poa Trivialis*). Good on either moist or dry soils. 30 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (14 lbs.), \$6.25; 100 lbs., \$43.00.

Awnless Brome Grass (*Bromus inermis*). A valuable grass for light, dry soils. 35 to 40 lbs. to the acre. Lb., 35 cts., postpaid. Bu. (14 lbs.), \$3.00; 100 lbs., \$20.00.

Tall Meadow Oat Grass (*Avena elatior*). Valuable for soiling or permanent pasture. 50 lbs. to the acre. Lb., 40 cts., postpaid. Bu. (10 lbs.), \$2.75; 100 lbs., \$25.00.

Wood Meadow Grass (*Poa nemoralis*). Adapted, as its name implies, for wooded or shaded meadows or lawns. Sow 30 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$6.50; 100 lbs., \$45.00.

Creeping Bent Grass (*Agrostis stolonifera*). Excellent for lawns; makes a low, velvety growth. Lb., 55 cts.; postpaid. Bu. (20 lbs.), \$8.25; 100 lbs., \$40.00.

Rhode Island Bent (*Agrostis canina*). Has a creeping habit and is hardy. Sow 4 bu. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$6.50; 100 lbs., \$45.00.

Sweet Vernal Grass (*Anthoxanthum odoratum*). Use 2 to 5 lbs. per acre. Lb., 75 cts., postpaid. 10 lbs., \$6.00.

Timothy (*Phleum pratense*). Sow ½ bushel to the acre alone, or 8 or 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

CLOVER SEED.

Red Clover, Medium (*Trifolium pratense*). Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

Mammoth Red Clover (*Trifolium pratense perenne*). For plowing under. 10 to 15 lbs. per acre. Write for price.

Alsike, or Swedish Clover (*Trifolium hybridum*). Sow 8 lbs. per acre when used alone. Write for price.

White Dutch Clover (*Trifolium repens*). Excellent for lawns. Sow 8 lbs. to the acre alone or 4 lbs. when used with other grasses. Lb., 60 cts., postpaid. 5 lbs., \$2.40; 10 lbs., \$4.50; bu. (60 lbs.), \$24.00.

Sweet Clover, Bokhara (*Melilotus alba*), also **Yellow Blossom** (*Melilotus officinalis*). Grown for Bee food and as fertilizer. We supply either variety. Lb., 40 cts., postpaid. Write for price per bu.

Japan Clover (*Lespedeza striata*). Sow 14 lbs. per acre. Lb., 40 cts., postpaid; 100 lbs., \$25.00.

Sainfoin, Esparsette, or Holy Clover (*Onobrychis sativa*). Lb., 30 cts., postpaid. Bu. (20 lbs.), \$2.50.

Crimson, or Scarlet Clover. Write for price.

Alfalfa, or Lucerne (*Medicago sativa*). Produces 3 to 4 heavy crops of nutritious hay in a season. We supply choice re-cleaned American grown seed. Lb., 35 cts., postpaid. Write for price per bu.





DREER'S CELEBRATED LAWN GRASS SEEDS.

OUR special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country. The lawns at the **Alaska-Yukon-Pacific Exposition**, held during the summer of 1909, were made with "Dreer Lawn Grass," and we were awarded a **Gold Medal** for same. Many other prizes have been awarded us for Grass Seeds, including a **Gold Medal** by the **Pan-American Exposition**, held at Buffalo, N. Y., in 1901; but what is most satisfactory to us is the fact that they always give satisfactory results to our customers wherever sown.

THE "DREER" LAWN GRASS.

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various-size packages, from the single quart, which is sufficient to cover 300 square feet of ground, to such quantities as are required for seeding large lawns, where from five to six bushels of seed to the acre are required. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, per qt., 25 cts.; 4 qts., 65 cts.; peck, \$1.00; bushel (20 lbs.), \$4.00.

DREER'S SHADY PLACE GRASS.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixtures, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense: qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S TERRACE GRASS.

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense: qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

SEASHORE LAWN GRASS.

A rich, green lawn is especially desirable at the seashore, but unless the right mixture of grasses and clover are used the result will be disappointing. Our Seashore Lawn Grass is composed of strong-rooted varieties which quickly produce a good turf. In preparing the land it should first be top-dressed with about four inches of good soil, as grass will not grow well in sand, but the seeds will quickly germinate in the top-soil and make strong roots, which reach down into the sand for moisture. In order to keep the seaside lawn in good condition, it should be watered liberally every evening, and also have an occasional application of pure Bone Meal, in order to keep up a vigorous growth. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense: qt., 25 cts.; 4 qts., 75 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S "EVERGREEN" LAWN GRASS.

This special mixture produces beautiful and permanent lawns. It is made from our own formula and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per qt., 25 cts., postpaid. By express or freight, at purchaser's expense, per qt., 20 cts.; 4 qts., 65 cts.; peck, \$1.00; bushel (20 lbs.), \$4.00.

DREER'S FAIRMOUNT PARK LAWN GRASS.

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on embankments and terraces, also for renovating old worn-out lawns. Per qt., 20 cts., postpaid. By express or freight, at purchaser's expense: per qt., 15 cts.; 4 qts., 55 cts.; peck, 90 cts.; bushel (20 lbs.), \$3.50.

DREER'S PUTTING GREEN MIXTURE.

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense: per qt., 30 cts.; 4 qts., \$1.00; peck, \$1.75; bushel (25 lbs.), \$7.00.

DREER'S GOLF LINKS MIXTURE.

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per qt., 20 cts., postpaid. By express or freight, at purchaser's expense, per qt., 15 cts.; 4 qts., 50 cts.; peck, 75 cts.; bushel (15 lbs.), \$3.00.

WHITE DUTCH CLOVER SEED.

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 60 cts., postpaid. By express or freight, at purchaser's expense: 5 lbs., \$2.40; 10 lbs., \$4.50; bushel (60 lbs.), \$24.00.

DREER'S PERMANENT PASTURE GRASS.

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasture. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with Timothy alone you cut but one crop. Sow 50 pounds to acre. In ordering, state whether for light or heavy soil. Price, per lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (15 lbs.), \$2.75; 100 lbs., \$16.00.

Quantity of Lawn Grass Seed to Sow. One quart is sufficient for 300 square feet; 5 bushels for an acre, or for renovating lawn use one-half these quantities.

DREER'S RELIABLE FARM SEEDS



FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES.

YELLOW FIELD CORN.

Sow 8 quarts to $\frac{1}{4}$ acre early in May.

Eureka Yellow Dent. This magnificent Early Yellow Dent Corn is a cross between the large Yellow Dent and Chester County Mammoth. Matures early and safe to plant as far north as Trenton, N. J., and produces immense crops. The ears measure from 12 to 14 inches in length, and contain from 18 to 22 rows of beautiful yellow grains. By express or freight, at purchaser's expense, peck, 85 cts.; bushel, \$2.50.

Cloud's Yellow Dent. Strong and vigorous, growing from 8 to 12 feet high, producing large, handsome ears, with unusually deep grains. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

Early 100-day Bristol. The earliest of the large Yellow Dent varieties; grain light yellow, large, broad and deep. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

Early Mastodon Dent. An early, strong-growing yellow Corn, with large ears and grain. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

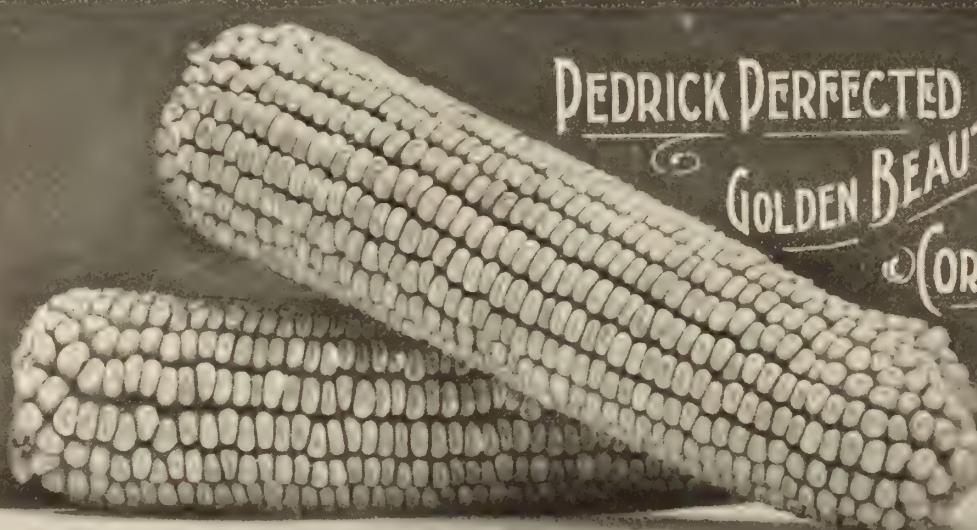
Pedrick Perfected Golden Beauty. (See cut.) A strain of Golden Beauty obtained by careful selection. In the preparation of this Corn for seed each ear is carefully selected and the end grains discarded. It is far superior in every way to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is very small; ears are well filled out, even to the extreme end of the cob. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

Leaming Gourd Seed. A good early variety, deep yellow grains, small cob. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

Early Yellow Canada. A ninety-day Corn, used principally in this latitude for replanting. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

WHITE FIELD CORN.

Hickory King. A prolific white variety; cob remarkably small, grains large and broad. By express or freight, at purchaser's expense, peck, 85 cts.; bushel, \$2.50.



**PEDRICK PERFECTED
GOLDEN BEAUTY
CORN**



HARVESTING STORM KING OATS

ENSILAGE CORN.

The custom of preserving Corn for winter feeding has become so general that nearly every dairy farm now has a silo. It is important, however, that suitable varieties be used, and we offer the following, all of which are well suited for the purpose.

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre. Special prices to buyers of large quantities.

Red-Cob Ensilage. One of the very best varieties for ensilage and grows well in all sections. It is a pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. By express or freight, at purchaser's expense, peck, 70 cts.; bushel, \$2.00.

Blount's Prolific White. This variety bears 4 to 6 ears per stalk; grain plump and white. It is very productive. By express or freight, at purchaser's expense, peck, 70 cts.; bushel, \$2.00.

Southern Fodder, Sheepooth. Grows 12 to 16 feet high; has broad foliage and tender stalks. Will keep up the flow of milk during hot weather, when the grass is burnt up. Grains narrow and white. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.25.

Sweet Fodder Corn. For soiling or ensilage. Sow broadcast 2 bushels, or in drills 3 feet apart, 1 bushel per acre. Write for price.

BARLEY.

Sow $1\frac{1}{2}$ to 2 bushels if drilled; 2 to $2\frac{1}{2}$ bushels broadcast.

Manshurey. Productive and best variety. Ripens early, with strong, stiff straw. Write for price per bushel.

BROOM CORN.

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep dry soil. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (46 lbs.), \$3.50; 100 lbs., \$7.00.

BUCKWHEAT.

Sow about the middle of June, broadcast, from 2 to 3 pecks per acre.

Japanese. Earlier, more prolific and yields double the weight per acre of other sorts. Grains are nearly twice as large as those of Silver Hull. By express or freight, at purchaser's expense, peck, 50 cts.; bushel (48 lbs.), \$1.75.

OATS.

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow $2\frac{1}{2}$ bushels to the acre.

Storm King. (See cut.) The seed of this variety was originally imported, but has been grown for several years in this country, and is thoroughly acclimated. It makes a strong growth of straw, with large, well-filled heads, which have a tendency to be one-sided. Grains are white, large and heavy, presenting a fine appearance. "Storm King" made a yield of from 60 to 70 bushels per acre this year, and we recommend it to every farmer who desires a thoroughly reliable and profitable variety. By express or freight, at purchaser's expense, peck, 65 cts.; bushel (32 lbs.), \$1.85; 5 bushels or over, \$1.75 per bushel.

White Tartar. Extremely early and an enormous cropper. It will do well on any good farm land and prove very profitable. The straw is long, very strong and holds up well. The heads are large and well filled. By express or freight, at purchaser's expense, peck, 50 cts.; bushel (32 lbs.), \$1.60; 5 bushels or over, \$1.50 per bushel.

White Maine. This fine variety is grown with much favor, as it yields extremely large crops. By express or freight, at purchaser's expense, peck, 40 cts.; bushel (32 lbs.), \$1.50; 5 bushels or over, at \$1.40 per bushel.

Lincoln. Very early and productive. By express or freight, at purchaser's expense, peck, 40 cts.; bushel (32 lbs.), \$1.50; 5 bushels or over, at \$1.40 per bushel.

Welcome. An excellent variety, productive and heavy. By express or freight, at purchaser's expense, peck, 40 cts.; bushel (32 lbs.), \$1.50; 5 bushels or over, at \$1.40 per bushel.

SPRING WHEAT.

Saskatchewan Fife. By express or freight at purchaser's expense, peck, 85 cts.; bushel (60 lbs.), \$3.00.

SPRING RYE.

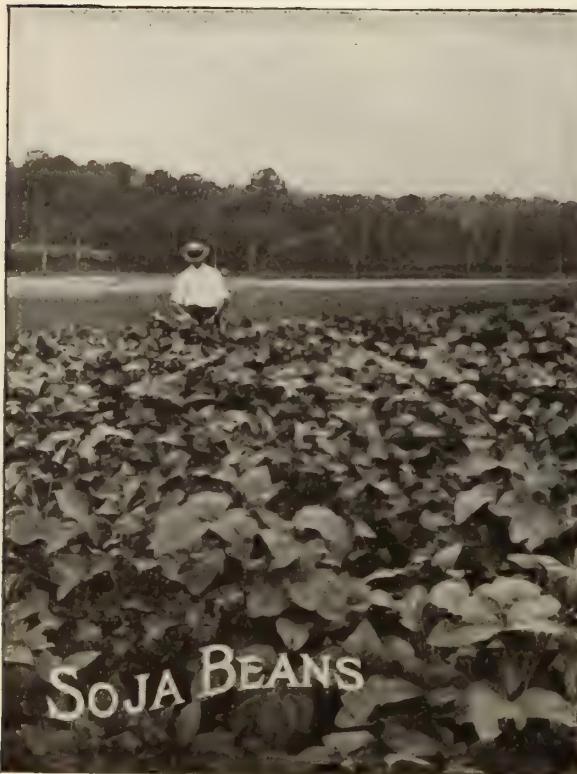
Used as a catch crop to sow where winter grain has failed. By express or freight at purchaser's expense, peck, 60 cts.; bushel (56 lbs.), \$2.00; 5 bushels at \$1.90 per bushel.

SUNFLOWER.

Mammoth Russian. May be grown to great advantage in waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive of seed, as the heads sometimes measure 18 inches in diameter. Plant 4 quarts to acre. Lb., 25 cts., postpaid. By express or freight, at purchaser's expense, peck, 75 cts.; bushel (25 lbs.), \$2.50; 100 lbs., \$9.00.

FIELD, FORAGE AND SILO SEEDS.

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.



Ito San Soja Bean. Earlier than Hollybrook, but leaves not as large. Good for sections where the season is short. By express or freight, at purchaser's expense, peck, 95 cts.; bushel, \$3.50.

Hollybrook Early Soja. A good variety for planting in Northern and Eastern States. Ripens early and produces an enormous crop of both vines and pods. By express or freight, at purchaser's expense, peck, 95 cts.; bushel, \$3.50.

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and seeds do not shatter from pods after cutting. By express or freight, at purchaser's expense, peck, \$1.00; bushel, \$3.75.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. Plant one-half bushel to the acre. By express or freight, at purchaser's expense, per peck, 95 cts.; per bushel, \$3.25.

Dwarf Essex Rape. A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south. It is sown broadcast, 6 lbs. to the acre, but is better drilled, in which case 3 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned on it. All reports agree that they gain weight faster on this than any other fodder. By express or freight, at purchaser's expense, 10 lbs., \$1.20; bushel of 50 lbs., \$5.00; 100 lbs., \$9.00.

Yellow Milo Maze. May be cut several times for green forage, is very nutritious, and can be used for ensilage, or cured like sorghum. Use 4 to 5 lbs. to acre. By express or freight, at purchaser's expense, 10 lbs., 70 cts.; 100 lbs., \$6.00.

Kaffir Corn (Red). Excellent forage for horses and cattle. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, bushel (60 lbs.), \$3.75; 100 lbs., \$6.00.

Yellow Lupin (*Lupinus Luteus*). Botanically related to Peas, but less hardy. Sow May to July, 2 to 3 bushels to acre. Useful for green manuring. By express or freight, at purchaser's expense, bushel (60 lbs.), \$5.00; 100 lbs., \$8.00.

PEAS FOR FODDER AND GREEN MANURING.

Canadian Field Peas. Valuable for Northern climates for cattle feeding and for green soiling. Used as feed for pigeons. Sow 1½ bushels per acre with ½ bushel oats. By express or freight, at purchaser's expense, peck, 75 cts.; bushel, \$2.75.

Southern Black-Eye Cow Peas. Also known as Sand Pea, a small white variety with black eye. Sow two bushels to the acre. By express or freight, at purchaser's expense, peck, \$1.00; bushel, \$3.75.

New Era Cow Peas. Extra early, and one of the most valuable for planting in the North and West. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.50.

Whip-poor-will Cow Peas. An early variety; grows upright and vigorous; crop is easy to harvest. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.50.

Clay Cow Peas. A valuable sort both for green manure, forage and hay crop. Sow 2 bushels to acre. By express or freight, at purchaser's expense, peck, 90 cts.; bushel, \$3.50.

MILLET.

German, or Golden Millet (*Southern Grown*). A valuable annual hay and fodder crop, medium early, 4 to 5 feet high. Sow 1 bushel to the acre. Bushel (50 lbs.), write for price.

Hungarian Millet (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage. Sow 1 bushel to the acre. Bushel (48 lbs.), write for price.

Egyptian, or East India Pearl Millet (*Penicillaria spicata*). Grows from 8 to 10 feet high. For fodder, sow 5 pounds in drills 3 feet apart, thin out in rows to 1 foot apart. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, bushel (50 lbs.), \$5.00.

Japanese Barn-yard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high, and is more tender than most tall varieties of Millet. Should be sown between middle of May and end of July, either broadcast or in drills; if broadcast, use 12 lbs. to acre; if drilled, 8 lbs. Can be fed green, cured as hay, or siloed Lb., 25 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., 80 cts.; 100 lbs., \$7.00.

MISCELLANEOUS FARM SEEDS.

Teosinte (*Reana Luxurians*). Excellent for stock feeding, either green during summer or dry during winter, and more nutritious and better liked than corn fodder by stock of all kinds. Grows to perfection in this latitude, supplying an immense amount of fodder. Sow in May or June, in drills about 4 feet apart, using 3 pounds of seed per acre. Per oz., 10 cts.; ½ lb., 25 cts.; lb., 85 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs. or over, 70 cts. per lb.

Sorghum, or Early Amber Sugar-cane. This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height, 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 5 lbs. in drills, or 1½ bushels broadcast to acre. By express or freight, at purchaser's expense, bushel (56 lbs.), \$3.00; 100 lbs., \$5.00.

Johnson Grass, or Sorghum Halepense. A valuable Southern fodder plant, growing 30 inches or more in height. On rich soil it may be cut three or four times in a season. Best results are obtained by sowing seed in August or September, 25 to 35 pounds to the acre. Per lb., 35 cts., postpaid. By express or freight, at purchaser's expense, bushel (25 lbs.), \$4.00; 100 lbs., \$15.00.

Speltz, or Emmer. A combination of wheat, oats and barley. Excellent for fattening cattle, poultry, horses, sheep, pigs, etc. Makes a heavy yield of grain and hay; excellent pasture, and may be fed green. Sow 70 to 80 pounds per acre. By express or freight, at purchaser's expense, peck, 60 cts.; bushel (40 lbs.), \$2.00.

Velvet Bean (*Dolichos Multiflorus*). Largely grown in the South and used as a fertilizing plant. By express or freight, at purchaser's expense, peck, \$1.25; per bushel, \$4.50.

FIELD, FORAGE, AND BIRD SEEDS.

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes.

Spring Vetches, or Tares (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 25 cts.; postpaid; bu. of 60 lbs., write for price.

Winter Vetches, or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with Rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter and maturing fully four weeks earlier than Scarlet Clover; it can, therefore, be harvested or ploughed under, and the ground used for the usual spring crop. Sow 1 bushel of the seed per acre, together with one bushel of rye. Price per lb., 30 cts., postpaid; bu. (60 lbs.), write for price.

BIRD SEEDS.

Our bird seeds are all carefully selected and re-cleaned. Prices subject to market changes. *All Bird Seeds are sent by express, or freight at purchasers expense.*

Canary. Best re-cleaned seed, 4 qts., \$1.00; peck, \$1.75; bu. (60 lbs.), \$6.50.

Hemp. 4 qts., 40 cts.; peck, 75 cts.; bu. (40 lbs.), \$2.75.

French Bird Millet. 4 qts., 70 cts.; peck, \$1.25.

German Rape. 4 qts., 70 cts.; peck, \$1.35; bu. (50 lbs.), \$5.00.

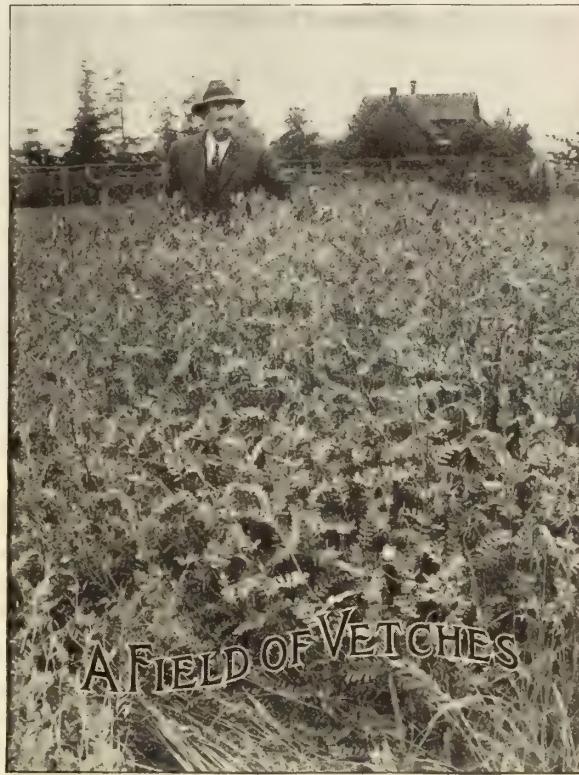
Vetches for Pigeons. Peck, \$1.25; bu. (60 lbs.), \$4.50.

Mixed Bird Seed. 4 qts., \$1.00; peck, \$1.75; bu. (60 lbs.), \$6.50.

Lettuce. Oz., 5 cts.; lb., 30 cts. | **Maw.** Lb., 25 cts.

Unhulled Rice. 4 qts., 60 cts.; peck, \$1.00.

Sunflower. 4 qts., 40 cts.; peck, 75 cts.; bu. (25 lbs.), \$2.50.



Inoculating Cultures for Leguminous Crops.

Alfalfa, Crimson Clover, Sweet Clover, Red Clover, White Clover, Alsike Clover, Cow Peas, Soy Beans, Velvet Beans, Lima Beans, Bush Beans, Garden Peas, Field Peas, Sweet Peas, and all other pod-growing plants called legumes, enrich the soil through the action of small bacteria growing upon their roots. These bacteria live only upon the roots of legumes and by an action of their bodies extract the free nitrogen of the air, and deposit around themselves as nitrates, thus forming little sacks or nodules on the roots of the growing plants. These sacks furnish the growing plant with all the nitrates it requires, and still leaves large amounts unused in the soil ready for future crops or other crops growing at the same time with the legumes. Quoting from bulletin issued by the Dept. of Agriculture in January, 1908, "It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of bacteria which enable the plants to fix free nitrogen."

The method of transfer of soil for inoculation is both costly and dangerous—weed seed, soil and plant diseases are transferred in this way. All inoculations should be done by means of the pure cultures of nitrogen-gathering bacteria, which are free from contamination and contain only active bacteria of the proper kind.

FARMOGERM.

Farmogerm is a pure culture, or growth of nitrogen-fixing bacteria that have been selected and bred up to transform large amounts of nitrogen from the air into soluble nitrates. These bacteria are grown in a jelly or food, in which they remain active for long periods of time, and sent out in a bottle which admits the necessary supply of pure air, yet keeps out destructive contamination.

We can furnish combination cultures for various Legumes, but recommend the use of those prepared especially for the crop to be planted and therefore request that purchasers kindly state on order what kind of seed the culture is to be used on, so that we can send the proper material.

PRICES FOR EITHER FARMOGERM OR MULFORD NITRO-GERM.

For the Garden Size, enough for about $\frac{1}{4}$ acre	50 cts. per bottle.
For the one acre field size	\$2.00 per bottle.
For the five acre field size	9.00 per bottle.

MULFORD NITRO-GERM.

The Mulford Nitro-Germ is made from pure, tested cultures of active, vigorous nitrogen fixing bacteria, and is used for inoculating seeds of the various legumes used for maintaining soil fertility and re-juvenating over-cropped and worn out fields. Prepared and tested by experts at the Biological Laboratories of H. K. Mulford Co., with the same care as the Mulford Anti-Toxins, Serums, Vaccines, etc., which are standards all over the world.

Booklets and Circulars giving information and directions for the use of above cultures will be mailed free.

FLOWER SEED Department



A BORDER OF PINK GERANIUMS EDGED WITH SWEET ALYSSUM.

We give close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower Seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American seedsman. Our constant aim is to secure the very best strains obtainable, both of home and foreign growth, and we spare no pains or expense with this object in view. Our strains of Asters, Carnations, Pansy, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

Success with Flower Seeds.

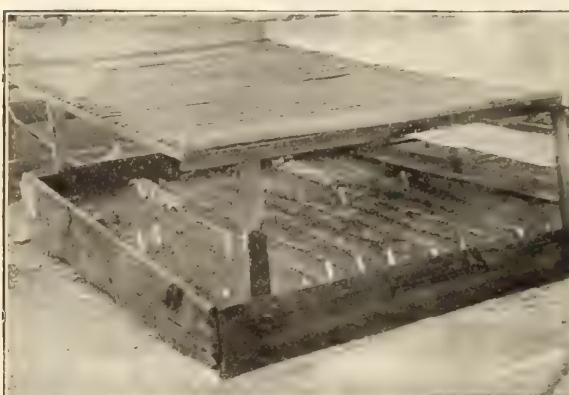
We are convinced that many of the failures with flower seeds are due to lack of proper conditions; and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given on this and the following page are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in earthenware seed pans, pots or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal-ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each sand, leaf mould and light garden loam. Press firmly and evenly, and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass or one or two thicknesses of newspaper, to prevent the too rapid evaporation of the moisture, and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass or covering after the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off."

For most of the ordinary annual flowers, such as Sweet Alyssum, Caliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart, according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas, Celosias, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

We commend to the careful attention of our customers the articles on the next page on **How to Grow Annuals**, by Prof. L. H. Bailey, of Cornell University.

How to Grow Perennials from Seed, written expressly for this book by Wm. Falconer, of Pittsburgh.



A COLD FRAME WITH LATH SHADE, A GOOD PLACE TO GERMINATE FLOWER SEEDS IN DURING THE SUMMER.

The full worth of their money to all is the broad principle in which we always deal, and we refer to our reputation as evidence that we live up to the precept.

Annuals, and How to Grow Them.

By Professor L. H. Bailey,
Cornell University.

The following is an extract from an article which appeared in *Country Life in America* some years ago.

Annual plants are those that you must sow every year. The staid perennials I want for the main and permanent effects in my garden, but I could no more do without annuals than I could do without the spices and the condiments at the table.

Of the kinds of annuals there is almost no end. This does not mean that all are equally good. For myself I like to make the bold effects with a few of the old profuse and reliable kinds. I like whole masses and clouds of them. Then the other kinds I like to grow in smaller areas at one side, in a half experimental way. There is no need of trying to grow equal quantities of all.

For the main and bold effects I want something that I can depend on. There I do not want to experiment. Never fill a conspicuous place with a kind of plant you have never grown.

The kinds I like best are the ones easiest to grow. Zinnia, Petunia, Marigold, Four O'Clock, Sunflower, Phlox, Scabiosa, Sweet Sultan, Bachelor's Button, Verbena, Calendula, Calliopsis, Morning-glory, Nasturtium, Sweet Pea,—these are some of the kinds that are surest. I do not know where the investment of five cents will bring as great reward as in a packet of seeds of any of these plants.

Make the soil rich and fine and soft and deep, just as you would for radishes or onions. There are some plants for which the soil can be made too rich, of course, but most persons do not err in this direction. The finer and more broken down the manure the better. Spade it in. Mix it thoroughly with the soil. If the soil is clay-like, see that fine manure is thoroughly mixed with the surface layer to prevent "baking."

First and last, I have grown practically every annual offered in the American trade. It is surprising how few of the uncommon or little-known sorts really have great merit for general purposes. There is nothing yet to take the place of the old-time groups, such as Amaranths, Zinnias, Calendulas, Daturas, Balsams, Annual Pinks, Candytufts, Bachelor's Buttons, Wall-flower, Larkspurs, Petunias, Gaillardias, Snapdragons, Cocks-combs, Lobelias, Coreopsis or Calliopsis, California Poppies,

Four O'Clocks, Sweet Sultans, Phloxes, Mignonettes, Scabiosas, Nasturtiums, Marigolds, China Aster, Salpiglossis, Nicotianas, Pansies, Portulacas, Castor Beans, Poppies, Sunflowers, Verbenas, Stocks, Alyssums, and such good old running plants as Scarlet Runners, Sweet Peas, Convolvuluses, Ipomeas, Nasturtiums, Balloon Vines, Cobzeas, etc.

For bold mass-displays of color in the rear parts of the grounds or along the borders, some of the coarser species are desirable. My own favorites for such use are: Sunflower and Castor Bean for the back rows; Zinnias for bright effects in the scarlets and lilacs; African Marigolds for brilliant yellows; Nicotianas for whites; Larkspurs for blues.

For lower-growing and less gross mass-displays, the following are good: California Poppies for oranges and yellows; Sweet Sultans for purples, whites and pale yellows; Petunias for purples, violets and whites; Bachelor's Buttons (or Cornflowers) for Blues; Calliopsis and Coreopsis and Calendulas for yellows; Gaillardias for red-yellows; China Aster for many colors.

For still less robustness good mass-displays can be made with the following: Alyssums and Candytufts for whites; Phloxes for whites and various pinks and reds; Lobelias and Browallias for blues; Pinks for whites and various shades of pink; Stocks for whites and reds; Wallflowers for brown-yellows; Verbenas for many colors.

If flowers of any annual are wanted extra early, the seeds should be started indoors.

A number of the very late-flowering annuals should also be started indoors for best success in the northern States, as, for example, the Moonflowers and the tall-growing kinds of Cosmos.

Of late years there has been a strong movement to introduce the hardy perennials into general cultivation. This is certainly to be encouraged everywhere, since it adds a feeling of permanency and purposefulness that is needed in American gardens. Yet I should be sorry if this movement were to obscure the importance of the annuals.

Raising Hardy Perennials from Seed.

Written expressly for this book by Mr. Wm. Falconer, of Pittsburgh.

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of perennials in a short time. Many perennials, if sown in spring, bloom the first year from seed as freely as annuals. Others wait a year; that is, if sown this year they don't bloom until next year.

The seeds may be sown in spring or in summer. In spring the sowings may be made in the window, the hot bed, the cold frame, the greenhouse or in the open ground out of doors. In the window prepare pots or flower-pans or small, shallow wooden boxes or flats; fill to one-third their depth with fine broken cinders or broken pots, and over this place a thin layer of moss, chopped straw or rough siftings from the soil to keep the dirt from clogging the drainage; then fill up to within one-half or three-quarters inches of the brim with fine, free, mellow soil, with thin layer of very fine soil over it. Tamp the pot on table to firm the soil a little. Now sow the seed evenly, and shake a very little fine soil over it; press it all over with the back of the hand or a board, then water gently through a fine spray or rose; this done strew a little fine earth over all. In the case of very fine seeds covering only enough to hide the seed is plenty, but Pinks, Gaillardias and other rougher seeded sorts one-eighth inch deep of covering may be given. Keep the seed pots in a warm, sunny window, but shaded with a thin curtain from drying sunshine. A sheet of paper laid over the pot at this time prevents over-drying, but when the sunshine passes, take off the paper, else damp or mold will set in. A pane of glass laid over the pots or flats until germination appears is an excellent preservative of the moisture in the soil, but always tilt it up at one side one-eighth of an inch or more. When the seedlings

come up, give them more light by keeping them close to the glass, and before they overcrowd one another or become spindly transplant them into other pots or flats, three-quarters or one inch apart from one another, according to their size and strength. As the weather gets mild, by placing the seedlings in a cool and airier place, as on the porch or a sheltered place out of doors, they become fairly inured to the open weather, and when they are large enough for final transplanting set them out in the garden.

The amateur may have more success and less bother growing hardy perennials from seeds sown in the open ground than in any other way. Prepare a bed in a nice, warm, sheltered spot in the garden, preferably not very sunny; let the surface of the bed be raised four or five inches above the general level, and the soil be a mellow, free, fine earth on the surface. Draw shallow rows across the surface of the bed, three to four inches apart, and here sow the seed, keeping the varieties of one kind or nature as much together as practicable; cover the seeds thinly, press the whole surface gently, water moderately, then dust a little fine, loose soil over all. If the weather is sunny or windy, shade with papers or a few branches, but remove these in the evening. When the seedlings come up thin them out to stiffen those that are left, and when they are two or three inches high, they are fit for transplanting into permanent quarters. All this should be done in early spring, say March, April or May, or in warmer localities a month earlier.

Again, in July or August perennials are very easily raised out of doors, and much in the same way as above. Transplant these seedlings in late August or early September to get well-rooted stocky plants before winter sets in.

NOVELTIES AND SPECIALTIES IN Flower Seeds for 1915.

The majority of the Flower Seed Novelties and Specialties offered on this and the following nine pages have been thoroughly tested in our trial grounds. Some few sorts are European Novelties, received from most reliable growers, and the descriptions are those of the introducers.

For General List of Flower Seeds see pages 60 to 113.

DREER'S IMPROVED LARGE-FLOWERING DWARF DOUBLE ZINNIAS. (YOUTH AND OLD AGE.)

This grand free-flowering Annual, which is the subject of our color plate this season, is becoming more popular every year, and annually forms one of the showiest features in many of the finest flower gardens. They have few rivals in brilliancy of colors, and planted in beds or borders are among the most effective of summer-blooming plants.

Their culture is simplicity itself; they will grow well in almost any kind of soil, but should have a sunny position; the easiest, and perhaps the best plan is to sow the seeds out of doors as soon as the ground is in good condition and danger from frost is past, usually early in May, or the seed may be started indoors or in a hotbed in April and the plants transferred to their flowering quarters when the weather becomes settled. When sown earlier and allowed to become starved before setting out they never do so well afterwards.

The Large-flowering Dwarf strain here offered is, we consider, the best for general use, with perfectly double flowers of good size borne profusely on bushy, compact plants of even growth not over two feet high, and for best development the plants should be finally about a foot apart. Notwithstanding that the seed has been saved from carefully selected, perfect flowers of the correct colors there is frequently a slight admixture of other colors, and for this reason it is well to set out the plants six to nine inches apart, and should any off-colors appear they can be removed without trouble and with advantage to the plants that are left.

Many of the leading florists now grow Zinnias largely for cut flowers, and while usually considered rather stiff and formal, a vase filled with any one of the colors makes a really handsome appearance.

	PER 1/4 OZ.	PER PKT.		PER 1/4 OZ.	PER PKT.
4457 White. No. 1 on plate opposite	25	5	4447 Bright Scarlet. No. 5 on plate opposite. 25	5	
4442 Flesh-pink. No. 2 on plate opposite. 25	5	5	4445 Dark Scarlet. No. 6 on plate opposite. 25	5	
4444 Orange. No. 3 on plate opposite	25	5	4446 Salmon Rose. No. 7 on plate opposite. 30	10	
4441 Canary. No. 4 on plate opposite	25	5			
4459 Collection, containing a packet each of the above 7 colors. 30 cts.					
4460 Finest Mixed, containing all of the colors. 5 cts. per pkt.; 20 cts. per 1/4 oz.; 50 cts. per oz.					

Dreer's Special Strain Giant Double Zinnias.

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

	PER PKT.
4511 Giant Golden-yellow. 15	
4512 Giant Scarlet. 15	
4513 Giant White. 15	
4514 Giant Flesh-color. 15	
4515 Giant Sulphur-yellow. 15	
4516 Giant Crimson. 15	
4519 Collection of a pkt. each of the above 6 colors. 75	
4520 Giant Mixed. All colors, 1/4 oz., 40 cts. 15	

Zinnia Haageana "Perfection."

4481 One of the most distinct and meritorious annuals of recent introduction. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers, about 1½ inches across in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflower-red, velvety garnet, etc., and altogether makes as pretty a border as anything we know of. Like other Zinnias it will grow and flourish in any sunny location. 15 cts. per pkt.; 2 pkts., 25 cts.



Giant Double Zinnia. (Two-thirds natural size.)

For General List of Zinnias see page 113.

DREER'S
Improved Large-flowering
DWARF ZINNIAS
(Youth-and-Old-Age)



DREER'S
FAMOUS AMERICAN
ASTERS

Rose King

Dreer's
Crimson Giant

Grego's Giant

SIX FAMOUS AMERICAN ASTERS.

While we offer this season over fifty distinct varieties and colors of American Asters, all of which have been grown under our personal supervision and which cannot be excelled for quality, we have again selected the following six sorts to offer as a collection which embraces several distinct types and colors, three of which are shown on the plate opposite, and which we feel sure will, on account of their free growth, profuse flowering, large size and general excellence, give entire satisfaction to the most critical growers of this popular flower.

1281 **Crego's Giant White.** We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. The form of the flower is well shown on the plate opposite.

1282 **Crego's Giant Pink.** Identical in every way to the white offered and described above except in color, which is a beautiful soft shell-pink.

1305 **Dreer's Crimson Giant.** A late-branching variety of upright growth with extra large, densely double flowers of rich blood-crimson; makes a brilliant bed or border and is splendid for cutting. The form of the flower is nicely shown on plate opposite.

1437 **Rose King.** A very distinct and desirable sort, with large, handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting with commercial florists, lasting in perfect condition for a long time. The illustration on the plate opposite shows the form of the flower perfectly.

Price. Any of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

1338 **Collection** of a packet each of the Six Famous American Asters, 65 cts.

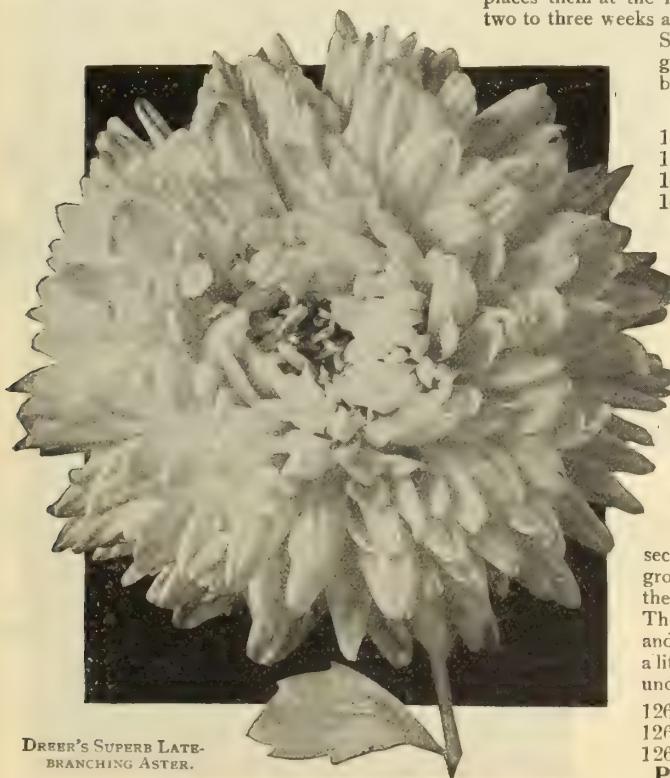
1393 **Dreer's Peerless Pink.** This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September, and continuing in good condition well into October.

1482 **Violet King.** Similar in habit and time of flowering to our superb late-branching sorts, and of the same strong, free-branching growth, with very double, slightly quilled flowers of a pleasing soft shade of violet.

Dreer's Superb Late-Branching Asters.

This superb strain, of American origin and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and filling in the gap between the general run of Asters and Chrysanthemums. We offer eight beautiful and distinct colors.



DREER'S SUPERB LATE-BRANCHING ASTER.

	PER 1/4 OZ.	PER PKT.
1451 Azure=blue. A deep rich lavender	60	10
1452 Deep Crimson. Rich and glowing	60	10
1453 Deep Rose. Distinct and fine	60	10
1455 Pale Lavender. Exquisite grayish-blue	60	10
1456 Deep Purple. A rich, royal shade	60	10
1457 Rose=Pink. A lovely shade	60	10
1461 Shell-Pink. Soft and dainty	60	10
1467 Pure White. Perfect in its purity	60	10
1469 Collection. A packet each of the 8 colors, 60 cts.		
1470 Finest Mixed. All the colors mixed	1/4 oz., 50 cts.; 10 cts. per pkt.	

The Celebrated Astermums.

A strain of Comet Asters which, on account of their immense size and Chrysanthemum-like appearance, have appropriately been named Astermums. They were first exhibited at the Convention of American Florists in 1912 and attracted great attention. We secured our stock seed from the introducer and have had it grown under our own supervision for two seasons, and believe the quality we now offer to be better than originally sent out. The plants grow about two feet high with long strong stems, and with us came into bloom about the middle of August, or a little earlier than Crego's Giant type. Few of the flowers run under five inches across. We offer three fine colors, as under:

1261 Lavender. A rich shade of lavender or light violet.
1262 Pink. A very attractive shade of lively rose-pink.
1263 White. Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.



NEW RED
ASTER
SENSATION.

NEW RED ASTER "SENSATION."

1442 This is the reddest of all Red Asters, the color being a rich garnet or ox blood red which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging $3\frac{1}{2}$ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pk.; 2 pkts., 25c.

KING ASTERS.

The "King" Asters form a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower, which is nicely shown in the illustration.

1307 **Dreer's Crimson King.** A brilliant new color in this type, which originated with us and offered last year for the first time. It is the richest and deepest crimson variety known to us.

1304 **Pink King.** An attractive shade of delicate shell-pink, a color that is always in demand for cutting.

1437 **Rose King.** A beautiful brilliant rose variety, a color that is quite distinct from any other. This fine sort is included in our collection of Six Famous American Asters offered on page 5.

1482 **Violet King.** This is the original of this type, and is a pleasing soft shade of violet. This is also included in our collection of Six Famous American Asters offered on page 51.

1492 **White King.** Of purest glistening white, flowers very large.

Price. Any of the King Asters 15 cts. per packet.

1439 **Collection.** A packet each of the five King Asters for 60 cts.

CREGO'S GIANT COMET ASTERS.

The Crego Asters are now considered the finest and largest of all the Giant Comet type. The plants are of strong, robust growth, 18 to 24 inches high, bearing their immense plumy flowers on long, strong stems from mid-August till the end of September. Ideal either for cutting or bedding. We are now able to offer for the first time an assortment of the best colors in stock of the highest quality. (See Illustration on plate facing page 51.)

1281 **White.** Purest white.

1282 **Pink.** Delicate shell-pink.

1283 **Purple.** Bright purple.

1284 **Rose.** Rich deep rose.

1285 **Lavender.** A rich deep shade.

1290 **Finest Mixed.** Containing all the colors.

Price. Any of the above, 15 cts. per pk.; 2 pkts., 25 cts.

1288 **Collection** of a packet each of the above 5 colors, 60 cts.

Dreer's "Pink Beauty" Aster.

1343 This has been pronounced by experts to be the finest pink mid-season Aster. The bushy plants grow 24 to 30 inches high, and bear as many as 50 large chrysanthemum-like flowers of a delicate blush-pink. It begins blooming early in August, continuing until near the close of September. 15 cts. per pk.; 2 pkts., 25 cts.



KING ASTERS.

Dreer's Superb Antirrhinums, or Snapdragons.

Within the past few years Snapdragons have become immensely popular. This is not to be wondered at, as whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. Seed sown out of doors the first week of May will bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

DREER'S GIANT SNAPDRAGONS.

This strain is a great improvement over the old tall-growing variety, being of stronger habit and producing longer spikes and much larger individual flowers; grows about 3 feet high and exceedingly valuable for cutting.

	PER PKT.		PER PKT.
1171 Giant Scarlet	10	1174 Giant Garnet	10
1172 " White	10	1175 " Pink	10
1173 " Yellow	10	1176 " Rose	10
1179 Collection of a packet each of the above 6 colors			50
1180 Giant Mixed. A splendid mixture, containing all the colors. $\frac{1}{2}$ oz., 25 cts. 10			

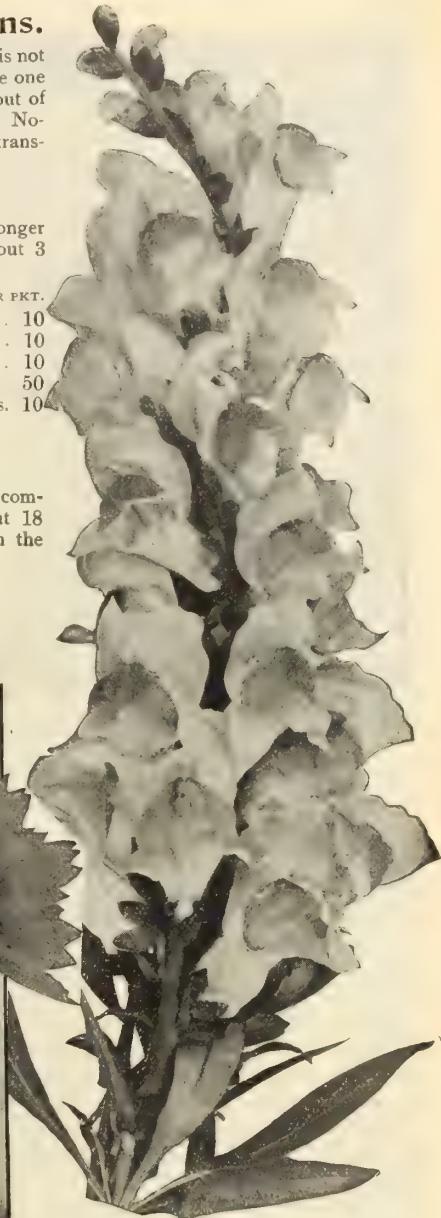
Dreer's Large-flowering Half-Dwarf Snapdragons.

This type has spikes and flowers of good size, and, owing to their dwarf and compact habit of growth, are better adapted for bedding purposes. They grow about 18 inches high, and the mass of bloom which they produce from early until late in the season is really phenomenal.

	PER PKT.
1162 Daphne. Soft blush-pink;	10
1163 Defiance. Orange or russet-red	10
1164 Golden Queen. Rich, pure yellow	10
1165 Firebrand. Rich, deep red.	10
1166 Rose Queen. Rich rose.	10
1167 Mont Blanc. Pure white	10
1169 Collection of above 6 sorts.	50
I170 Half-dwarf Mixed. Large range of many beautiful colors. $\frac{1}{2}$ oz., 25 cts.	10



CALLIOPSIS
"CROWN OF GOLD."



SPIKE OF LARGE-FLOWERING HALF-DWARF SNAPDRAGONS.

"CROWN OF GOLD" CALLIOPSIS.

1701 Few annuals are so easily grown and so satisfactory as Calliopsis, and this grand variety we consider one of the best, having large golden-yellow flowers that closely approach the perennial Coreopsis Grandiflora in size and color. Forms compact plants 9 to 10 inches high, with the flowers thrown well above the foliage on strong 18-inch stems. 10 cts. per pkt.; 30 cts. per $\frac{1}{4}$ oz.

DOUBLE BLUE CORNFLOWER.

1881 This was introduced by us in 1907, and since then has steadily gained in popular favor, until now it must be considered one of the leading annuals. It is identical in color to the popular single blue Cornflower, which is so much in demand for cutting, especially for boutonieres; but being a full double flower it takes fewer of them to make a nice bunch, and it is better in every way. The plants form nice symmetrical bushes about 18 inches high. 15 cts. per pkt.; 2 pkts., 25 cts.; 50 cts. per $\frac{1}{4}$ oz.



GIGANTIC-FLOWERING COSMOS LADY LENOX.

NEW HYBRID DELPHINIUMS.

(Hardy Larkspurs.)

The magnificent Hybrid Hardy Larkspurs offered below represent the finest varieties of a famous English collection; and although you cannot depend upon them coming strictly true to name, yet you may rely upon getting flowers of largest size and equal to the varieties from which the seed has been saved. For list of standard sorts see page 79.

2218 **Belladonna.** The freest and most continuous blooming of all. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25 cts. per pkt.

2224 **Duke of Connaught.** Rich oxford-blue, with a bold white eye.

2234 **Geneva.** Large flowers of a pleasing light blue, with white eye.

2233 **Julia.** Gigantic flowers of a pretty cornflower-blue, beautifully veined with rose, large pure white eye.

2241 **King of Delphiniums.** A magnificent variety with massive spikes, well set with semi-double flowers 2 inches or more across. Color rich gentian-blue with a very conspicuous white centre.

2244 **Lizzie.** Lovely azure-blue with bold yellowish eye.

2245 **Masterpiece.** Immense rich gentian-blue flowers with snow-white eye.

2242 **Mrs. Creighton.** Deep Oxford-blue, centre dark plum with brown eye; a rich dark sort.

2243 **Mme. Violet Geslin.** Perfectly round semi-double flowers of clear blue, lavender centre, bold white eye, evenly arranged on spikes 5 to 6 feet high.

2246 **Queen Wilhelmina.** Immense flowers of a soft lavender-blue, flushed rose, with a very conspicuous white eye.

Price. Any of the above, except where noted, 15 cts. per pkt.

2249 **Collection** of a packet each of the above 10 Grand Delphiniums, \$1.25.

Gold Medal Hybrid Delphiniums.

2238 Unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers in massive spikes, the majority running in the lighter shades of blue; these are illustrated in colors, see plate opposite page 200. 15 cts. per pkt.; $\frac{1}{2}$ oz., 50 cts.

DOUBLE-FLOWERING
CUP-AND-SAUCER
CANTERBURY BELLS.

1734 A new race of this much prized Hardy Biennial from a celebrated French Hybridizer. The double blossoms appear like three flowers placed one inside the other. These are produced freely and in all the colors found in the other varieties of Canterbury Bells. About one-half of the seedlings may be expected to come true to type. 25 cts. per pkt.

Double Early-flowering
Chrysanthemums.

1945 A new race of the Fall-flowering Chrysanthemum, which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors; quite hardy if given slight protection and grown in a well-drained position. 25 cts. per pkt.

Gigantic-flowering Cosmos
"Lady Lenox."

The rose-pink Lady Lenox Cosmos was introduced some years ago, and on account of its very large flowers and splendid texture is now a popular variety, and we are pleased to be able to offer in addition a pure white variety with all the good qualities of the parent.

2085 **White "Lady Lenox."** 15 cts. per pkt.; 2 pkts., 25 cts.

2084 **Rose-Pink "Lady Lenox."** 10 cts. per pkt.; $\frac{1}{2}$ oz., 40 cts.



NEW HYBRID DELPHINIUMS.

THE CARDINAL CLIMBER.

2158 This glorious and absolutely distinct New Annual Climber originated with Mr. Logan Sloter, of Ohio, as the result of a cross between *Ipomoea Quamoclit*, the Cypress Vine, and *Ipomoea Coccinea*, the Star Glory, and was named and introduced by us exclusively in 1912.

We consider it the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful, fern-like, laciniated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from mid-summer till frost. The flowers are about $1\frac{1}{2}$ inches in diameter, and are borne in clusters of 5 to 7 blossoms each, and wherever it has been grown during the past three seasons has attracted more attention and favorable comment than any other plant in the garden. Like other *Ipomoeas*, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April in a temperature of not less than 70 degrees and the plants set out when the weather gets warm, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. In either case germination will be hastened and also made more certain by filing or cutting a small notch in each seed. They are likely to germinate poorly unless this precaution is taken. If sown in cold, wet ground the seed is liable to rot.

Packets, containing about 20 seeds each, 25 cts.; 5 pkts. for \$1.00.

NEW HARDY FOUNTAIN GRASS.

(*Pennisetum Japonicum*.)

2656 A splendid new hardy ornamental grass, growing about 4 feet high, with bright green, narrow foliage, while the bronzy-purple cylindrical flower heads are borne on gracefully recurving stems well above the foliage. One of the most valuable hardy grasses, either for use in beds, mixed borders or specimens. Easily grown from seed, making nice plants the first year. 15 cts. per pkt.; 2 pkts., 25 cts.

Double-flowering BABY'S BREATH.

(*Gypsophila paniculata fl. pl.*)

2695 One of the most important hardy perennials of recent introduction. The plant grows from 3 to $3\frac{1}{2}$ feet high, bearing its pretty little double white flowers in much-branched panicles, which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. 20 cts. per pkt.; 3 pkts., 50 cts.



GYPSOPHILA PANICULATA FL. PL.



THE CARDINAL CLIMBER.



HELIOPSIS SCABRA ZINNIÆFLORA.

Heliopsis Scabra Zinniæflora.

2732 A new double-flowering form of the hardy perennial Orange Sunflower, growing two feet high and bearing golden-yellow Zinnia-like flowers during the summer months. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

Giant Heliotrope Fire Queen.

2735 A high colored variety of dwarf, bushy, compact habit, with dark metallic green foliage and bearing gigantic panicles of rich, reddish-purple, very sweetly scented flowers. A distinct and desirable novelty. 35 cts. per pkt.

NEW GIANT-FLOWERING MARSHMALLOWS.

(Hibiscus.)

2775 A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which flowers of enormous size, frequently ten to twelve inches in diameter, have been developed. The colorings have also been greatly intensified, comprising rich dark red, soft mallow-pink and pure white; the plants grow from five to eight feet high and are very floriferous, blooming from early in July until late in autumn; can be recommended for plantings of all kinds, and are perfectly hardy. The seed we offer has been saved from our own plants, and if sown early will produce plants that will flower the first year. 25 cts. per pkt.; 5 pkts., \$1.00.

**NEW DOUBLE HOLLYHOCK
"NEWPORT PINK."**

2791 A charming variety that originated in one of the famous gardens at Newport, R. I. It produces stately spikes of very double rosette-like flowers of pure pink, a shade that is always in demand. The seed of this variety is quite distinct, being much smaller than those of other colors. Received an Award of Merit from the Royal Horticultural Society of England, July, 1912. 15 cts. per pkt.; 2 pkts. for 25 cts.

Two Magnificent Marigolds.

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large-flowering African type, and grow about 2½ feet high, bearing in continuous succession from early summer till hard frost large and perfectly double flowers.

3084 **Orange Prince.** Flowers very large, of a deep golden orange. 50 cts. per ½ oz.; 15 cts. per pkt.

3085 **Lemon Queen.** Immense double flowers, in color a soft lemon-yellow, making a fine contrast to the rich orange of the preceding. 50 cts. per ½ oz.; 15 cts. per pkt. One pkt. each of the above for 25 cts.

INVINCIBLE GIANT POLYANTHUS.

3677 A magnificent strain of this perfectly hardy and easily-grown spring-flowering Primrose, representing the work of twenty-five years of painstaking cross-breeding and selection by a Scotch specialist. Of strong, sturdy habit, and bearing immense trusses of large flowers on self-supporting stems 10 to 16 inches in length. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 25 cts. per pkt.; 5 pkts., \$1.00.

NEW HYBRID ICELAND POPPY.

3735 This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. 15 cts. per pkt.; 2 pkts., 25 cts.

NEW GIANT-FLOWERING MARSHMALLOWS.

NEW GIANT-FLOWERING MARSHMALLOW.

PRIMULA MALACOIDES.

3826 An introduction from China that has proved itself to be one of the freest-flowering species for pots yet introduced. Seeds sown in February produce plants that will bloom from May till July, while by sowing in August it can be had in flower throughout the winter months. It resembles *P. Forbesi*, but is of somewhat stronger growth. Flowers are a delicate shade of lilac. A fine window or greenhouse plant. 25 cts. per pkt.

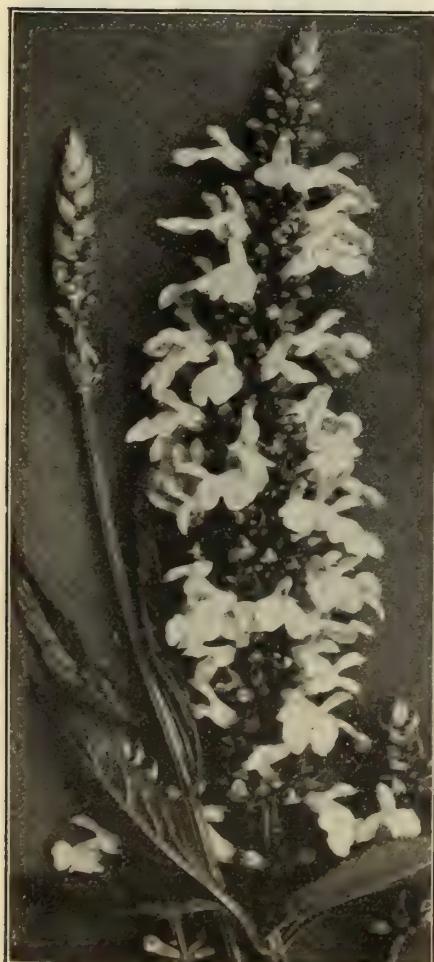
PRIMULA MALACOIDES ALBA.

3827 A pure white variety of the preceding, and similar in its general habit, and having all the free and quick-flowering qualities of its parent. 25 cts. per pkt.

Pyrethrum Uliginosum Stellata.

(Starry Giant Daisy.)

3851 This new variety which originated in our Nursery, and of which we have sold a large number in plant form, we are now able to offer in seed of our own saving. It is a greatly improved form of the Giant Daisy, the difference being clearly shown in the illustration, and, like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow petals, forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. 15 cts. per pkt.; 2 pkts., 25 cts.



SAVIA ULIGINOSA.



PYRETHRUM ULIGINOSUM STELLATA.
(Upper flower.)

Salvia Uliginosa.

3930 A novelty in Hardy Perennials and one of the most desirable introduc-

tions of the season. In general habit similar to *Salvia Azurea Grandiflora* but of stronger growth, each plant forming a bushy specimen from 5 to 6 feet high; wonderfully free-flowering, blooming continuously from June until frost. The flowers are a pretty cornflower blue with a white throat, produced in branched spikes about six inches long. Easily raised from seed, flowering the first season if sown early. See cut. 25 cts. per pkt.

TWO BRILLIANT SWEET WILLIAMS.

4282 **Newport Pink.** A distinct new color in this favorite hardy plant, which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. For mid-season mass bedding it has no equal. Perfectly hardy. 15 cts. per pkt.

4281 **Scarlet Beauty.** A splendid companion to the brilliant salmony-pink variety offered above. The color is an intense rich, deep scarlet, and a most effective plant for the old-fashioned hardy border, where this shade is very uncommon. 15 cts. per pkt.

A packet each of the above for 25 cts.

RAINBOW CORN.

(*Zea Japonica Variegata*.)

2662 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about five feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy-purple, and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. 15 cts. per pkt.; 2 pkts. for 25 cts.

THE CARDINAL CLIMBER

Not only the most brilliant but the most graceful annual climber ever introduced. Illustrated and described on page 55.

NINE SUPERB NEW ORCHID-FLOWERED SWEET PEAS.

While most of the sorts offered below were in commerce last year, the stocks of all have been carefully re-selected so that the quality is still higher than last year, and the crop having been fair, we are able to put more seeds in the packets, giving our customers a better chance to thoroughly test them. We consider the 9 varieties offered as one of the finest collections of newer sorts ever brought together.

4083 **Charm.** While not of the largest size the delicate and exquisite coloring of this variety insures its popularity. The beautifully waved flowers of purest white are suffused throughout with delicate blush-pink; a really charming variety. 15 cts. per packet.

4093 **Decorator.** Striking and distinct in coloring, which is a rich rose overlaid with terra cotta intensifying to deep orange at the base of the wings, a tone which lights up wonderfully under artificial light, making it of exceptional value for cutting. The flowers, of largest size, are of true Spencer waved form. 15 cts. per packet.

4101 **Empress Eugenie.** A fancy, flaked variety which is much liked by those who want something out of the ordinary. The color is a delicate tone of gray, prettily flaked with lavender; flowers of large size beautifully waved; a vigorous grower and very free-flowering. 15 cts. per packet.

4136 **Illuminator.** A rich and charming new color difficult to describe, produced by a ground color of salmony-orange, overlaid with bright cerise-pink, the effect being a glowing orange-scarlet, which is especially brilliant under artificial light; flowers uniformly large, perfectly formed and borne on long, stout stems. 15 cts. per packet containing about 25 seeds.

4154 **King White.** This has been hailed throughout the Sweet Pea world as the greatest white ever introduced. Immense blooms of purest white faultlessly frilled or waved, of wonderful substance. A strong, vigorous grower, very free-flowering and producing an unusually large proportion of four flowers to the spray. (See illustration on opposite page.) 15 cts. per packet.

4172 **Margaret Atlee.** The leading experts are unanimous in declaring this to be the largest and finest Sweet Pea yet produced, "The Spencer Supreme." It is a rosy salmon-pink on a creamy-buff ground, beautiful alike as an individual flower or in a bunch. The standard and wings are of immense size, very wavy, and the flowers are inclined to double under high cultivation. It bears uniformly four of these gigantic blossoms to the stem. One of our growers says of it: "This is the best rich pink Sweet Pea." Awarded Silver Medal by the National Sweet Pea Society of Great Britain, London, July, 1914. 25 cts. per packet containing 40 seeds.

4171 **Margaret Madison Improved.** A large and perfect waved Spencer which, on opening, is a delicate azure-blue slightly tinted with mauve, developing to a clear light lavender; as the season advances the blossoms sometimes show a slight blotching of deeper blue, which is very attractive. This is a great improvement on the variety Margaret Madison sent out in 1912. 25 cts. per packet containing 40 seeds.

4241 **Wedgwood.** Appropriately named, being a beautiful wedgwood or bright silvery-blue throughout, a color that has been wanted in the Orchid-flowered class. The flowers are of modern Spencer size, finely formed and borne uniformly four to the spray. 15 cts. per pkt.



NEW ORCHID-FLOWERED SWEET PEA
MARGARET ATLEE.

4223 **Royal Purple.** An English variety offered this season for the first time, of a rich royal purple, a color which does not exist in the old standard or grandiflora varieties. It created a great deal of favorable comment when exhibited the past season, all who saw it being impressed by its distinct color and large size. 25 cents per packet containing 12 seeds.

4268 Collection of a packet each of the above 9 Superb New Sweet Peas, \$1.00.



DREER'S

"Twelve Best" Orchid-flowered
SWEET PEAS.

We offer on page 109 twenty-three beautiful and desirable varieties of this, the finest type of Sweet Peas; but as many planters do not care for so many sorts, we have selected what we consider the twelve best and most distinct kinds introduced prior to 1913, which we offer below.

They are a great improvement on the standard sorts, having large, round, open flowers of extraordinary size, measuring two inches and over across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting, and are just as easy to grow as the standard varieties.

4071 **Black Knight Spencer.** Rich, deep maroon, very large and wavy.
 4074 **Blanche Ferry Spencer.** Identical in color to the popular pink and white standard variety of this name.
 4086 **Countess Spencer.** A lovely soft rose-pink, shading deeper at the edges, extra large and wavy; the original of this type.
 4106 **Florence Nightingale.** The largest and finest pure lavender.
 4153 **King Edward Spencer.** Bright crimson-scarlet. Magnificent in size and coloring.
 4185 **Mrs. Hugh Dickson.** One of the finest, beautiful salmon-pink on a cream ground; extra fine.
 4182 **Mrs. Walter Wright Spencer.** A beautiful shade of deep mauve; very artistic.
 4198 **Primrose Spencer.** The finest primrose yellow, with very large, wavy flowers.
 4204 **Prince of Wales Spencer (Marie Corelli).** A brilliant rosy-red of exceptional large size.
 4211 **Queen Alexandra Spencer.** One of the finest yet introduced, in color a rich, bright scarlet; flowers of largest size.
 4236 **Thomas Stevenson.** Brilliant orange-scarlet, the most striking color of all.
 4242 **White Spencer.** A pure wavy white of enormous size and splendid substance; extra select stock.
Price. Any of the above, 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
 4238 **Collection** of a packet each of the above, 80 cts.
 4237 **Collection** of one ounce each of the above, \$2.50.
 4260 **Orchid-flowered, Mixed.** A splendid mixture, containing all of the above and many more fine sorts. 10 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.; \$2.00 per lb.



SPRAY OF NEW SWEET PEA. KING WHITE.
(Offered on opposite page.)

DREER'S "TWELVE FINEST" STANDARD SWEET PEAS.

This collection is made up of the choicest standard kinds—varieties that have the endorsement of the leading specialists, and which combine in the highest degree all the qualities which go to make up first-class varieties.

4070 **Black Knight.** Intense deep maroon, shaded black.
 4073 **Blanche Ferry.** The popular pink and white.
 4091 **Dorothy Eckford.** Magnificent pure white.
 4133 **Hon. Mrs. E. Kenyon.** The finest primrose-yellow.
 4188 **Janet Scott.** A grand, deep, rich pink.
 4152 **King Edward VII.** The finest crimson-scarlet.
 4159 **Lady Grisel Hamilton.** A grand pale lavender.
Price. Any of the above, 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.
 4247 **Collection** of a packet each of the above 12 Finest Standard varieties, 40 cts.
 4248 **Collection** of one ounce each of the above 12 Finest Standard varieties, \$1.50.
 4252 **Dreer's "Peerless" Mixture.** Made up of the very choicest large-flowering standard varieties, carefully blended so as to produce the best color effect. 5 cts. per pkt.; 10 cts. per oz.; 30 cts. per $\frac{1}{4}$ lb.; \$1.00 per lb.

4167 **Lord Nelson.** The richest deep navy-blue.
 4173 **Miss Willmott.** Brilliant orange-pink; very rich.
 4179 **Mrs. Walter Wright.** An exquisite shade of mauve.
 4201 **Prima Donna.** A magnificent pure pink.
 4212 **Queen Alexandra.** Bright geranium-red, almost pure scarlet.

DREER'S GENERAL LIST of RELIABLE FLOWER SEEDS

FOR NOVELTIES

See Pages 50 to 59.

A number of meritorious sorts has been added to our list this season and all inferior varieties and sorts difficult to grow discarded. For the convenience of our customers and to facilitate the filling of order, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1010, 15 cts.; 3 pkts. 1090, 15 cts., means one packet Abutilon, mixed, 15 cts.; 3 pkts. Agrostemma, 15 cts.

All flower seeds are sent postpaid at prices given.

Although we do not offer premiums, we invariably send "extras" with each cash order amounting to \$1.00 or over.



ACROCLINIUM.

COLLECTIONS OF FLOWER SEEDS.

The following collections are made up of the best and easiest grown sorts and are sure to give satisfactory returns:

1134	Summer Flowering Annuals.	12 sorts, our selection . . .	\$0 50
1135	" "	25 "	1 00
1136	Old-fashioned Annuals.	12 "	50
1133	Annuals for cutting.	12 "	50
3549	Old-fashioned Hardy Perennials.	12 "	50
2019	Quick-growing Annual Climbers.	12 "	50

Collections of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads throughout the list.

ADLUMIA.

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory). PER PKT.

1051	Cirrhosa.	A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed	15
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AGROSTEMMA (Rose of Heaven, Mullein Pink).

1090	Coronaria.	An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink and silvery white foliage; blooms the first season; fine for cutting; 2 feet. $\frac{1}{2}$ oz., 15 cts.	5
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ABUTILON (Flowering Maple).

PER PKT.

1010	Fine Mixed.	Elegant flowering perennial shrubs of strong growth and easy cultivation; free-flowering, with various colored, beautiful, drooping bell-shaped flowers. Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower outdoors the first season and indoors all winter. Mixed colors	15
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ACCHILLEA (Milloil, or Yarrow).

1021	Ptarmica "The Pearl."	One of the best hardy white perennials. Grows about two feet high, and from spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early	25
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ACONITUM (Monk's Hood, or Wolfsbane).

1031	Napellus.	A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. $\frac{1}{2}$ oz., 35 cts.	10
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ACROCLINIUM.

A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.	5
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1040 Double Mixed. $\frac{1}{2}$ oz., 15 cts	5
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1050 Single Mixed $\frac{1}{2}$ oz., 15 cts	5
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AGROSTEMMA CORONARIA.

AGERATUM.

(Floss Flower.)

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants in bloom all winter. (See cut.)

PER PKT.

1071	Blue Perfection.	This is the darkest colored of all large-flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. $\frac{1}{4}$ oz., 30 cts.	10
1076	Little Blue Star.	A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging. 2 pkts., 25 cts.	15
1073	Cope's Pet.	The best light blue variety for edging. $\frac{1}{4}$ oz., 30 cts.	10
1078	Princess Pauline.	A beautiful variety of compact, even growth, rarely exceeding 8 inches in height; the flowers are sky-blue with white centre, the contrast being really exquisite. $\frac{1}{4}$ oz., 30 cts.	10
1074	Imperial Dwarf Blue.	Clear blue; 8 inches. $\frac{1}{4}$ oz., 25 cts.	5
1075	Imperial Dwarf White.	8 inches. $\frac{1}{4}$ oz., 25 cts.	5

AMPELOPSIS.

(Boston, or Japanese Ivy.)

1131	Veitchi.	A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 40 cts.	10
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DREER'S FAMOUS AMERICAN ASTERS.

We offer a superb collection of the finest sorts of unsurpassable quality.



AGERATUM BLUE PERFECTION.



A BORDER OF ALYSSUM LITTLE GEM.

ALYSSUM (Mad Wort).

Pretty little plants for beds, vases, baskets, edging or rock-work, blooming profusely all summer; useful also for winter-flowering. Very sweetly scented.

PER PKT.

1101	Little Gem, or Carpet Snow.	Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white flowering edging plant in the list. (See cut.)	5
1102	Sweet Alyssum (<i>A. Martinum</i>).	Of trailing habit; flowers white. Per oz., 25 cts.	5
1103	Tom Thumb (<i>Benthamii Compactum</i>).	Of dwarf, compact, erect growth; excellent for edging; white. Per oz., 50 cts.	5
1104	Saxatile Compactum (<i>Basket of Gold</i>).	Showy, bright yellow flowers; hardy perennial; blooms the first season if sown early indoors; excellent for rock-work; 1 foot. $\frac{1}{4}$ oz., 30 cts.	10

AMARANTHUS.

Brilliant-foliated annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centre of large beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

1111	Caudatus (<i>Love Lies Bleeding</i>).	Blood red; drooping.	5
1116	Cruentus (<i>Prince's Feather</i>).	Dark red feathery flowers.	5
1113	Sunrise.	The most brilliant of this brilliant family. The foliage is bronzy-crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used with fine effect in many of the public parks.	15
2 pkts.		25 cts.	
1114	Tricolor (<i>Joseph's Oat</i>).	Leaves red, yellow and green. $\frac{1}{4}$ oz., 15 cts.	5
1115	Tricolor Splendens.	An improvement on the old sort, of more brilliant coloring. $\frac{1}{4}$ oz., 25 cts.	10

ANCHUSA (Alkanet).

	PER PKT.
1138 Italica Dropmore Variety. One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. $\frac{1}{4}$ oz., 50 cts.; 2 pkts., 25 cts.	15

ANEMONE (Windflower).

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring, keeping shaded till the plants appear.

1140 Coronaria, Mixed Colors (Poppy Anemone).....	5
1146 St. Brigid. A beautiful selection of the above; our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors.....	15

ANTIRRHINUM (Snapdragon).

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. In our trials the seed sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Giant Varieties. Of tall growth, very large individual flowers.

PER PKT.

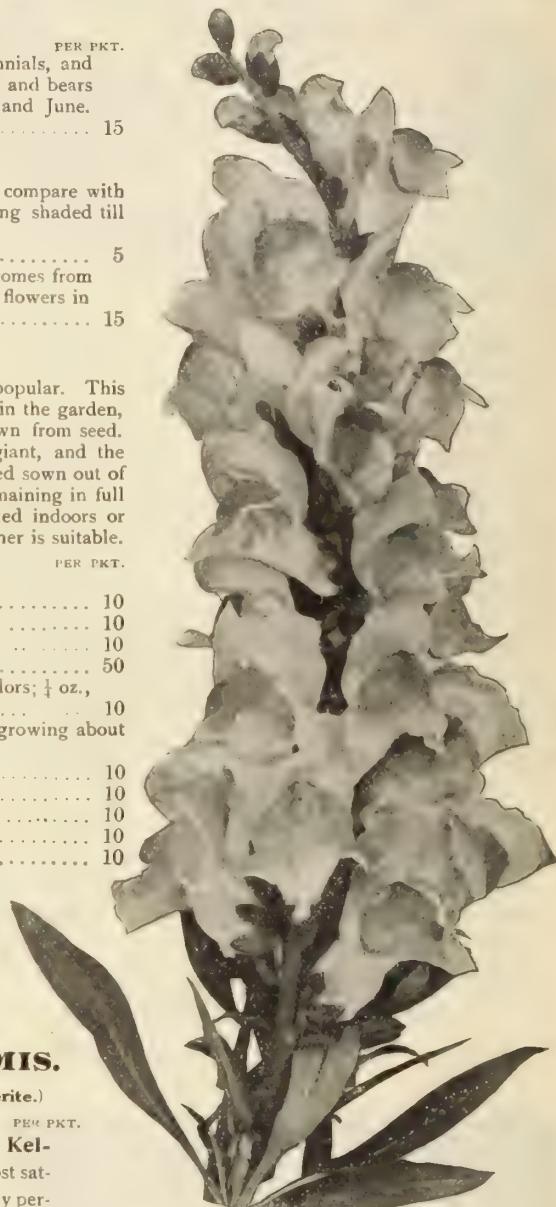
1171 Giant Scarlet	10	1174 Giant Garnet	10
1172 " White	10	1175 " Pink	10
1173 " Yellow	10	1176 " Rose	10
1179 Collection of a packet each of the above 6 colors.....			50
1180 Giant Mixed. A splendid mixture, containing all the colors; $\frac{1}{4}$ oz., 25 cts.....			10

Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes:

1162 Daphne. Soft blush pink.....	10
1163 Defiance. Orange or russet red	10
1164 Golden Queen. Rich, pure yellow	10
1165 Firebrand. Rich, deep red.....	10
1166 Rose Queen. Rich rose.....	10
1167 Mont Blanc. Pure white.....	10
1169 Collection of above six sorts	50
1170 Half-Dwarf Mixed. All the colors. $\frac{1}{4}$ oz., 25 cts. 10	
1160 Tall Mixed. The old-fashioned type; fine long spikes, grand for cutting. $\frac{1}{4}$ oz., 20 cts.....	5



ARGEMONE HYBRIDA GRANDIFLORA.


ANTHEMIS.

(Hardy Marguerite.)

PER PKT.

1150 Tinctoria Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden yellow blossoms; excellent for cutting; 2 ft. $\frac{1}{4}$ oz., 25 cts.....	10
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SPIKE OF LARGE-FLOWERING HALF-DWARF ANTIARRHINUM.

ARGEMONE.

(Mexican or Prickly Poppy.)

1220 Hybrida Grandiflora. We were delighted with a trial of this in our experimental grounds. The plants grew into sturdy bushes about 3 feet high, with very ornamental pale green, spiny foliage, with clear, silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy white. It came into bloom early in July, and continued without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. 2 pkts., 25 cts.....	15
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AQUILEGIA OR COLUMBINE.

AQUILEGIA (Columbine).

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be planted in the open ground early in spring, and will, in the case of the single varieties, bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

1181 **Californica hybrida.** Exquisite flowers, in yellow and orange shades, all with low spurs. $\frac{1}{8}$ oz., 50 cts. 10
 1182 **Canadensis.** This is the scarlet and yellow native species, and one of the brightest of all. $\frac{1}{8}$ oz., 30 cts. 5
 1183 **Chrysanthia (Golden Spurred).** Golden-yellow. $\frac{1}{8}$ oz., 30 cts. 10
 1184 **alba.** Beautiful pure white. $\frac{1}{8}$ oz., 50 cts. 10
 1185 **Cerulea (Rocky Mountain Columbine).** Violet-blue and white; 2 fest. $\frac{1}{8}$ oz., 30 cts. 10
 1186 **Cerulea hybrida.** Beautiful hybrids, bearing large flowers in a great variety of colors. $\frac{1}{8}$ oz., 50 cts. 10
 1187 **Flabellata nana alba.** A dwarf variety from Japan, with fine glaucous foliage and large white flowers. $\frac{1}{8}$ oz., 30 cts. 10
 1192 **Haylodensis Delicatissima.** A new hybrid, bearing large, long-spurred flowers, the spurs being a tender satin-rose, passing imperceptibly to a delicate light yellow at the crown. 25
 1197 **Nivea Grandiflora.** A beautiful large pure white. $\frac{1}{8}$ oz., 25 cts. 5
 1199 **Collection** containing a packet of each of the above 9 named sorts 75
 1206 **Veitch's Long-spurred Hybrids.** A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 2 pkts., 25 cts. 15
 1207 **Double**, all colors mixed. 50 cts. per oz. 5
 1210 **Single**, all colors mixed. 40 cts. per oz. 5



ARABIS ALPINA.

ARABIS (Rock Cress).

PER PKT.

1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches; $\frac{1}{8}$ oz., 25 cts. 5

ARCTOTIS (African Daisy).

1216 **Grandis.** A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. $\frac{1}{4}$ oz., 30 cts. 10

ARMERIA (Sea Pink or Thrift).

1221 **Formosa.** A very pretty edging plant, bearing rosypink flowers; hardy perennial. $\frac{1}{8}$ oz., 30 cts. 10

ASPARAGUS

1231 **Plumosus Nanus.** This graceful Asparagus is an excellent house plant. \$1.00 per 100 seeds. 25

1232 **Sprengeri (Emerald Feather).** One of the best plants to grow in suspended baskets, window boxes, vases, etc., for the greenhouse in winter and outdoors in the summer. 50 cts. per 100 seeds. 10



ARCTOTIS GRANDIS.

Dreer's Famous American Aster.

ASTERS are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests of both home-grown and imported stocks are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The varieties offered on this and the following three pages represent the finest Aster introduced to date, and are all firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appreciated.

The early sorts, such as Queen of the Market, Lavender Gem and White Fleece, begin blooming in July, followed by the mid-season varieties, which are usually at their best during August, and which include such splendid sorts as Pink Beauty, Mikado Electric, Ostrich Feather, Peony Perfection and the Improved American Victorias. Then come the late-flowering kinds, which bloom from the end of August on through September into October. This class furnishes the finest flowers of all and is well represented in our list by our Superb Late Branching in eight beautiful colors, our Peerless Pink, the finest Pink Aster grown, Crego's Giant, Crimson Giant, Violet King and a number of other fine sorts. It is quite easy, therefore, with a little care in the selection of the varieties, to have Aster in bloom from the first days in July until hard frost.

Culture.—Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation

of the soil is repaid by finer plants, larger blooms with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of bone meal or other good commercial fertilizer, and the addition of wood ashes or air-slaked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with almost as good results.

The main essentials to insure fine Aster are a rich soil, frequent cultivation, no check to their growth from start to finish, and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphis at their roots; also by stem rot, a fungous disease, which causes the stem to decay just at the point it emerges from the ground. Both of these troubles are rarely met with if the plants are grown on good soil and are not checked in their growth. The addition of wood ashes or air-slaked lime at the time of the preparation of the bed also helps to prevent these troubles.

The Aster or Black Beetle, which devours the flowers, can only be destroyed by hand-picking or by knocking them into a basin or receptacle in which there is some water and kerosine oil. As a rule, these beetles come in August, and by growing only the early and late-flowering kinds can be avoided.

ASTERMUM ASTERS.

A giant Comet midseason variety of recent introduction. For full description see Novelties and Specialties, pages 50 to 59. We can supply in three colors, viz.:

	PER PKT.
1261 Lavender	15
1262 Pink	15
1263 White	15

A packet of each color for 35 cts.

CHINA ASTERS.

1340 **General Mixture.** This mixture was saved from the many sorts and colors grown on our trial grounds the past season. 5 cts. per pkt.; $\frac{1}{2}$ oz., 25 cts.

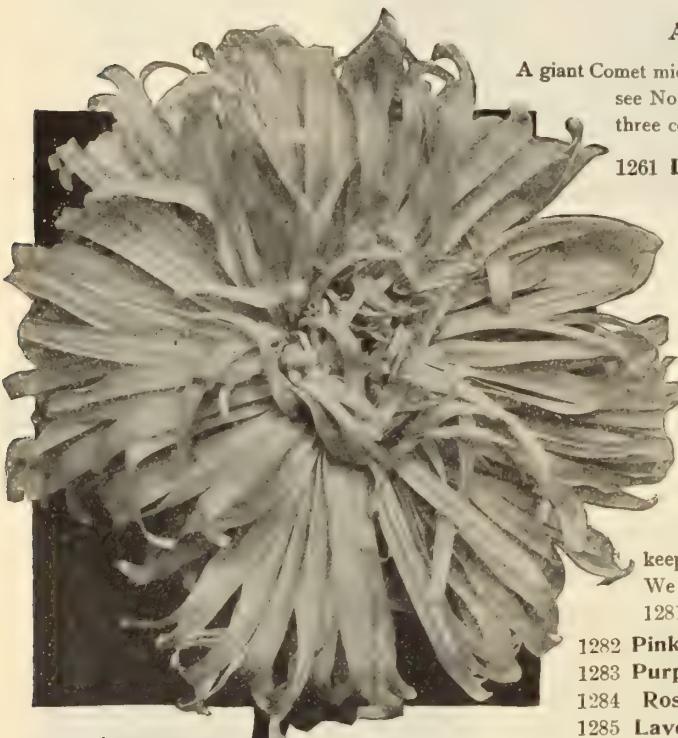
Crego's Giant Comet Aster.

We consider this the finest and largest of all Comet Aster, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.:

	PER PKT.
1281 White. Pure white.....	15
1282 Pink. Delicate shell-pink.....	15
1283 Purple. Bright purple.....	15
1284 Rose. Rich deep rose.....	15
1285 Lavender. Deep lavender.....	15

1288 **Collection** of a packet each of the 5 colors, 60 cts.

1290 **Crego's Mixed.** All colors. 15 cts. pkt.; 2 pkts., 25 cts.



ASTERMUM.



Dreer's Famous American Asters.

ELECTRIC ASTER.



MIKADO ASTER.
Offered on page 66.

1321 A most distinct and distinguished-looking flower, being made up of long, thread-like, quilled petals of snowy whiteness, which form an airy, graceful bloom, nicely shown in the illustration. These are of very large size, rarely less than 5 inches in diameter, held erect on long, wiry stems; grows 18 inches high, blooming from early in August to the end of September. This variety will appeal to those who want something different from the usual run of Asters. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S SUPERB LATE-BRANCHING ASTERS.

This grand strain is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems flowers which, under ordinary cultivation, average 5 inches across. They come into bloom from two to three weeks after the average type, usually being at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

PER PKT.

¼ OZ. PKT.

14451	Azure-blue.	A deep rich lavender	60	10
14452	Deep Crimson.	Rich and glowing	60	10
14453	Deep Rose.	Distinct and fine...	60	10
14455	Pale Lavender.	Exquisite greyish-blue	60	10
14456	Deep Purple.	A rich royal shade.....	60	10
14457	Rose-pink.	A lovely shade; very popular	60	10
14461	Shell-pink.	Soft and dainty.....	60	10
14467	Pure White.	Perfect in its purity.....	60	10
14469	Collection.	A packet each of the 8 colors,	60 cts.	
14470	Finest Mixed.	All the colors mixed. $\frac{1}{4}$ oz., 50 cts.; 10 cts. per pkt.		

GIANT BRANCHING COMET ASTER.

1300 This type is grown for us in California; it is a mid-season variety, flowering in August; of strong, sturdy habit, 18 to 24 inches high, and bearing magnificent plumy flowers in a very large variety of colors, useful for any purpose. Mixed colors, 10 cts. per pkt.; $\frac{1}{4}$ oz., 50 cts.

DREER'S CRIMSON GIANT ASTER.

1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

KING ASTERS.

The "King" Asters form a distinct class or type and have many sterling qualities to recommend them to lovers of fine Asters. For full descriptions see Novelties and Specialties, pages 50 to 59.

1307 Dreer's Crimson King. The richest and deepest crimson variety known to us.

1394 Pink King. An attractive shade of delicate shell-pink.

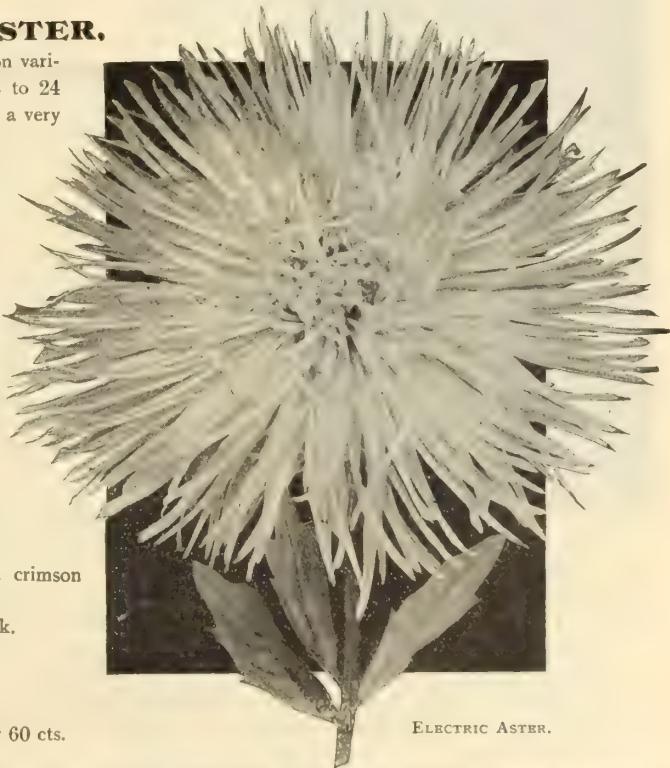
1437 Rose King. A beautiful brilliant rose variety.

1482 Violet King. A pleasing soft shade of violet.

1492 White King. Pure white.

1439 Collection of a packet each of the five King Asters for 60 cts.

Price. Any of the above, 15 cts. per pkt.



ELECTRIC ASTER.



OSTRICH FEATHER ASTERS.

OSTRICH FEATHER ASTERS.

This magnificent Aster produces flowers of immense size, made up of long, loosely formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room. (See cut.)

	PER PKT.	PER PKT.	
1361 Bright Rose.....	15	1365 Violet Blue.....	15
1362 Lavender.....	15	1366 Vivid Crimson.....	15
1364 Salmon Pink	15	1367 Pure White.....	15
1369 Collection containing a packet each of the 6 colors.....		75	
1370 Mixed, all colors. $\frac{1}{4}$ oz., 75 cts.....		10	

PAEONY PERFECTION ASTERS.

One of the most perfect; very double, large and finely shaped; the petals beautifully incurved; blooms in August; $1\frac{1}{2}$ feet.

	PLR PKT.	PER PKT.	
1381 Glowing Crimson.....	10	1384 Purple Violet.....	10
1382 Light Blue.....	10	1385 Pure White.....	10
1383 Pink	10	1386 Brilliant Rose	10
1390 Finest Mixed, all colors. $\frac{1}{4}$ oz., 75 cts.....		10	
1388 Collection of the six colors offered above.....		50	

LAVENDER GEM ASTER.

1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

Dreer's Peerless Pink Aster.

1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S
FAMOUS
AMERICAN
ASTERS

Continued.

**DREER'S PINK
BEAUTY ASTER.**

1343 This was introduced by us in 1908, and is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush-pink, a shade that is always in demand for cutting. This has been pronounced by experts to be the finest pink mid-season Aster yet introduced. 15 cts. per pkt.; 2 pkts., 25 cts.

**QUEEN OF THE MARKET
ASTERS.**

A first-class early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot

	PER PKT.		PER PKT.
1401 Bright Rose	10	1405 Pink	10
1402 Crimson	10	1406 Purple	10
1403 Lavender	10	1407 White	10
1409 Collection. One packet each of the 6 colors		50	
1410 Mixed Colors. $\frac{1}{2}$ oz., 50 cts.....		10	

NEW ASTER "SENSATION."

1442 This splendid introduction may briefly be described as the reddest of all red Asters. For full description see Novelties and Specialties, pages 50 to 59. 15 cts. per pkt.; 2 pkts., 25 cts.

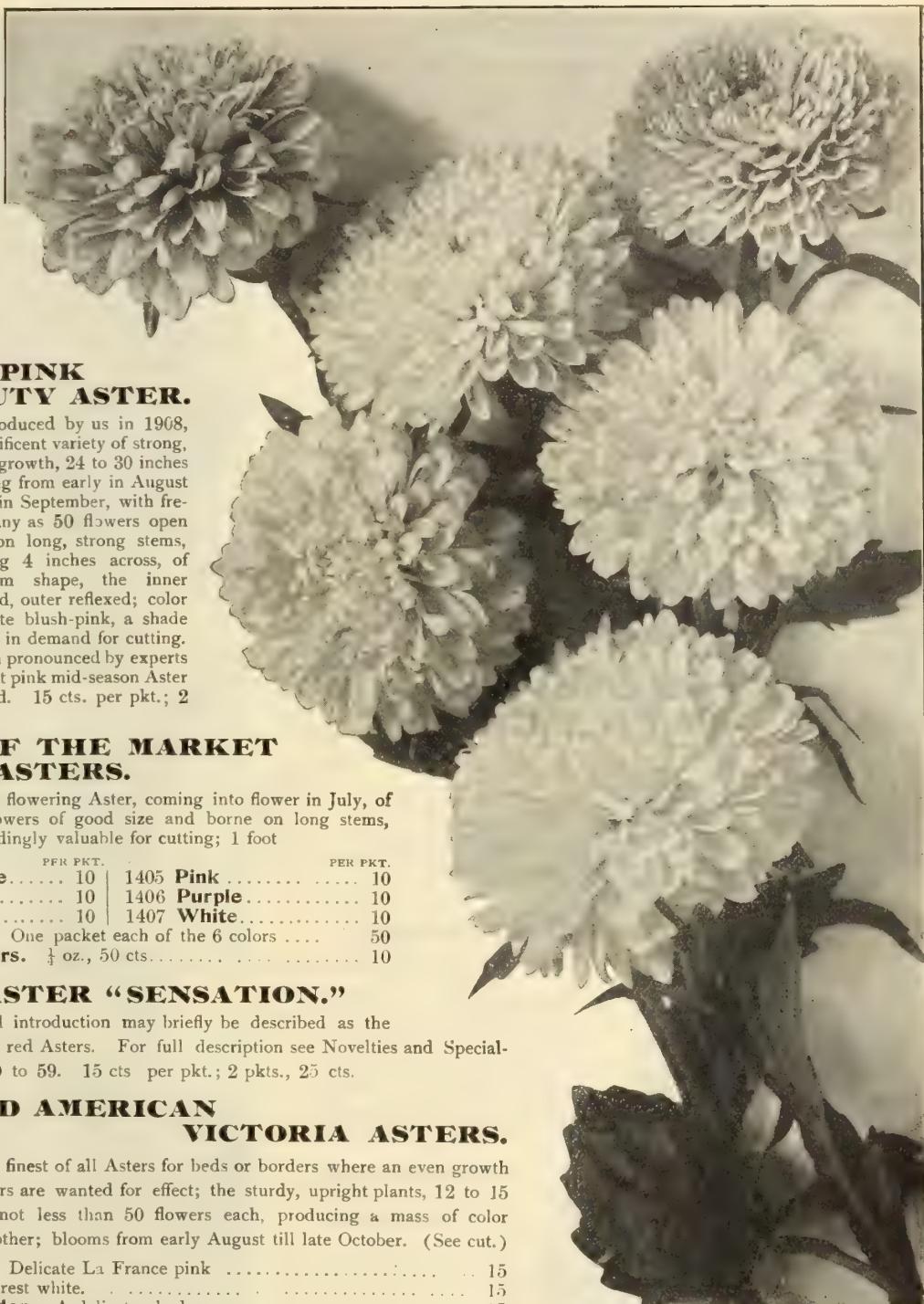
**IMPROVED AMERICAN
VICTORIA ASTERS.**

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy, upright plants, 12 to 15 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

1471 Daybreak. Delicate La France pink	15
1472 Purity. Purest white.	15
1473 Pale Lavender. A delicate shade.	15
1474 Rose-pink. Rose shading to blush-pink	15
1475 Salmon-pink. Rich salmon-pink, exquisite	15
1477 Azurea. Rich, deep lavender-blue	15
1478 Collection of a pkt. each of the above 6 colors.	60
1480 Choicest Mixed. All colors. $\frac{1}{2}$ oz., 75 cts.....	10

WHITE FLEECE ASTER.

1494 One of the largest and most perfect of the early flowering Comet type, bearing flowers 5 inches and over across, formed into a plump globe of glistening white; blooms at the same time as Lavender Gem, making a splendid companion. 15 cts. per pkt.; 2 pkts., 25 cts.



IMPROVED AMERICAN VICTORIA ASTERS

SINGLE CHINA ASTER.

1440 The single China Asters are very effective in beds, or borders, and offer a pleasing change to the innumerable double sorts; mixed colors. $\frac{1}{2}$ oz., 25 cts... 10

HARDY PERENNIAL ASTER.

1400 *Mixed (Michaelmas Daisies.)* Single fall flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. $\frac{1}{2}$ oz., 50 cts..... 10

BALLOON VINE (Love-in-a-puff).

PER PKT.

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. (See cut.) Per oz., 25 cts. 5

Double Camellia-flowered Balsams.

(Lady-Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet. Start the seed indoors in April or sow out of doors in May. To grow fine specimens they should not be closer than 18 inches apart. (See cut.)

1532 Prince Bismarck.	Exquisite salmon-pink; very double.	10
1534 Scarlet.	Brilliant fiery-scarlet.	5
1533 Light Yellow.		5
1535 Sofferino.	Striped and spotted white, lilac and scarlet.	5
1536 Violet.	Very rich.	5
1537 White Perfection (Alba Perfecta).	Very double, immense solid round flowers of purest white.	10
1540 Double Camellia-flowered.	Finest mixed. $\frac{1}{4}$ oz., 25 cts.	5
1538 Collection of the 6 colors offered above		30

BEGONIAS.
Everblooming Bedding Varieties.

The following are varieties of *Begonia Semperflorens*, and take rank as bedding plants with *Geraniums* and *Coleus*, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. (See cut.)

1562 Erfordia.	Bright rosy carmine	25
1565 Gracilis.	Handsome flowers of a delicate rose color	15
1563 Luminosa.	Brilliant fiery dark scarlet; very bright	25
1571 Vernon.	Bright orange-carmine flowers, deep red foliage.	10
1580 Semperflorens, Single Mixed.	This mixture contains all the colors from pure white to the deepest crimson; splendid.	10



BEGONIA SEMPERFLORENS.

BOCCONIA

(Plume Poppy, or Tree Celandine.)

PER PKT.

1611 Cordata.	Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. $\frac{1}{4}$ oz., 15 cts.	5
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BOLTONIA.

(False Chamomile.)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September; very effective.

1615 Asteroides.	
	White.
	10

1616 Latisquama.	
	Pink, tinged with lilac.

10



BALSAM PRINCE BISMARCK.



BALLOON VINE.



BRACHYCOME.

BROWALLIA (Amethyst).

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back.

1637 **Speciosa Major.** A beautiful flowering variety of the most brilliant ultra-marine blue; a rare color; does finely outside in the border, or in hanging baskets or vases, but is especially valuable as a pot plant for winter and early spring flowering. PER PKT. 15

1640 **Elata Mixed.** Blue and white; 18 inches. $\frac{1}{4}$ oz., 25 cts. 5



BRYONOPSIS.

1671 **Dreer's Perfection.** An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free-flowering. 50

CANARY-BIRD VINE.

(*Tropaeolum Canariense.*) PER PKT.

1749 A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) Per oz., 25 cts. 5

THE CARDINAL CLIMBER.

(*Ipomoea Quamoclit Hybrida.*)

2158 The most brilliant, beautiful and distinct annual climber introduced in a lifetime. For full description see under Novelties and Specialties, pages 50 to 59. 25 cts. per pkt.; 5 pkts., \$1.00.

BELLIS (English Daisy).

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double flowering kinds, selected after careful test out of over twenty sorts:

PER PKT.

1591 Longfellow. Large double pink flowers.....	10
1593 Ranunculiflora Alba. A splendid type with densely double pure white flowers, not very large, but very free-flowering.....	15
1594 Ranunculiflora Rosea. Identical to the preceding except in color, which is a bright rosy pink.....	15
1595 Giant White. Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster.....	25
1596 Giant Rose. Same as the above except in color.....	25
1597 The Bride, or Improved Snowball. A fine large double free-flowering pure white.....	10
1598 Double Quilled. Double quilled flowers in mixture, containing red, pink and white.....	20
1600 Double Mixed. A fine mixture, containing all the colors. $\frac{1}{8}$ oz., 50 cts.	10

BRACHYCOME (Swan River Daisy).

1620 Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. (See cut.) $\frac{1}{4}$ oz., 25 cts. 5

BRYONOPSIS.

1641 **Laciniosa.** A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning when ripe to bright scarlet striped white; 10 to 20 feet. (See cut.) 5

CACALIA (Tassel Flower, or Flora's Paint Brush).

1650 A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden-yellow and scarlet mixed; 1½ feet. $\frac{1}{4}$ oz., 25 cts. 5

CALCEOLARIA.

CANARY-BIRD VINE.



GROUP OF CALENDULAS.

	PER PKT.
1681 Meteor. Large double yellow, each petal striped with orange. Oz., 25 cts.	5
1684 Prince of Orange. Like Meteor, but darker. Oz., 25 cts.	5
1682 Orange King. Very large double flowers of a dark orange-red. Oz., 25 cts.	5
1685 Pure Gold. A grand variety, with double extra large flowers of a pure golden-yellow. Oz., 30 cts.	5
1686 Double Sulphur. Very large and extremely double flowers of a pleasing sulphur-yellow color. Oz., 25 cts.	5
1687 Favorite. Light sulphur, each petal striped with creamy-white; the lightest colored variety. Per oz., 25 cts.	5
1688 Pluvialis (Cape Marigold). A pretty single-flowering sort, white daisy-like flowers, under side of the petals lilac. Oz., 40 cts.	5
1683 Pongei Fl. Pl. Showy double white flowers. Oz., 40 cts.	5
1690 Mixed. All the double sorts. Oz., 25 cts.	5
1689 Collection, one packet each of the 8 separate sorts.	30

CALLIOPSIS.

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

PER PKT.

1696 Bicolor Nana. Of dwarf, compact, even growth; flowers clear yellow with small garnet eye; 9 inches. $\frac{1}{2}$ oz., 15 cts.	5
1697 Crimson King. A fine dwarf sort, 9 inches high; color rich velvety crimson-garnet. $\frac{1}{2}$ oz., 15 cts.	5
1701 Crown of Gold. Large, rich golden yellow, 18 inches. $\frac{1}{2}$ oz., 30 cts.	10
1702 Golden Wave (Drummondii). Rich golden-yellow with small chestnut-brown centre; very free; 12 inches. $\frac{1}{2}$ oz., 15 cts.	5
1707 Golden Ray. Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon edged with golden yellow, and having twisted petals like a Cactus Dahlia. $\frac{1}{2}$ oz., 25 cts.	10
1708 Marmorata. A very showy sort, growing 2 feet high and covered with bright golden-yellow flowers, marbled with Wallflower-red. $\frac{1}{2}$ oz., 15 cts.	5
1703 Nigra Speciosa. A strong growing sort with good-sized flowers of rich reddish-maroon; 2 feet. $\frac{1}{2}$ oz., 15 cts.	5
1705 Tiger Star. A novel form, plants not over 9 inches high; flowers of rich reddish-brown, tigered with golden-yellow, not unlike some of the Orchids. $\frac{1}{2}$ oz., 25 cts.	10
1704 Tinctoria. Another showy variety, the large flowers being bright yellow and maroon, about evenly divided; 24 inches. $\frac{1}{2}$ oz., 15 cts.	5
1706 Double Tinctoria. Double and semi-double very showy flowers of rich maroon, edged with gold; 18 inches. $\frac{1}{2}$ oz., 25 cts.	5
1710 Mixed. All the choice sorts in mixture. Per oz., 30 cts.	5
1709 Collection. Containing a packet each of the above 10 sorts.	50

CALENDULA.

(Pot Marigold.)

This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing in bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring; 1 foot. (See cut.)



CALLIOPSIS GOLDEN WAVE.

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OR

CANTERBURY BELLS.

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require. In the spring a little fine manure and some bonemeal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks."

Calycanthemum (*Cup and Saucer Canterbury Bells*). This is

unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors as well as in mixture, viz.:

	PER PKT.
1736 Rose Pink.	Delicate rosy-pink.....
1735 Blue.	A fine, clear shade.....
1738 White.	Pure white.....
1740 Finest Mixed.	All colors of the Cup and Saucer type.

Medium (*Single Canterbury Bells*). The old-fashioned sort, with beautiful, large bell-shaped blossoms; we offer

four distinct colors and mixed, as follows:

	PER PKT.	PER PKT.	
1744 Dark Blue.....	10	1746 Rose.....	10
1745 Light Blue.....	10	1747 White.....	10
A packet each of the 4 colors, 30 cts.			
1743 Single Mixed.	All colors. $\frac{1}{2}$ oz., 25 cts.	.....	5
1741 Double Mixed.	All the double-flowering medium varieties. $\frac{1}{2}$ oz., 40 cts.	.....	10

CAMPANULAS OR BELLFLOWERS.

(Various Sorts.)

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

1721 Carpatica (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. $\frac{1}{2}$ oz., 40 cts. 10

1720 — Alba. The white-flowered form of the above. $\frac{1}{2}$ oz., 40 cts. 10



SINGLE AND CUP AND SAUCER CANTERBURY BELLS.

1724	Persicifolia Grandiflora (<i>Peach Bells</i>). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers.....	15
1725	Persicifolia Alba The white flowered Peach Bells	15
1728	Pyramidalis (<i>The Chimney Bellflower</i>). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. $\frac{1}{2}$ oz., 30 cts. 5	
1729	Alba. Same as above, but with white flowers. $\frac{1}{2}$ oz., 30 cts. 5	

CANDYTUFT (*Iberis Umbellata*).

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. Single plants transplanted look well and bloom profusely; 1 foot.

	PER PKT.
1751 Carmine. Bright carmine rose. Oz., 50 cts.....	10
1752 Crimson. Rich deep shade. Oz., 25 cts.....	5
1753 Empress. The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. (See cut.) Oz., 50 cts.....	10
1755 White Fragrant. Flowers small, very sweetly scented. Oz., 25 cts	5
1756 White Rocket. Good spikes of pure white. Oz., 25 cts.....	5
1757 Lavender. Delicate shade of rosy-lavender. Oz., 25 cts.....	5
1760 Mixed Colors. (Oz., 25 cts.....)	5
1770 Dwarf Hybrids, Mixed. A very dwarf and compact type not over 6 inches high and very useful for the edge of borders, etc. Oz., 50 cts	10

For perennial Candytuft see *Iberis*, page 89.

CANNA (Indian Shot).

Dwarf, Large-flowering French. Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

1799 **Collection** of a packet each of six grand standard sorts..... 30

1790 **Mixed.** Saved from the finest sorts. Per oz., 25 cts. 5

For roots or plants of *Canna* see under *Garden and Greenhouse Plants*.



CHABAUD'S EVERBLOOMING CARNATION.

CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud's type are the best for summer flowering.

	PER PKT.
1850 Hardy Border Double Mixed. A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. $\frac{1}{2}$ oz., 50 cts	10
1831 Chabaud's Everblooming. Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors. (See cut.).....	25

MARGUERITE CARNATIONS.

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

	PER PKT.
1811 Deep Crimson 10	1814 Fiery Scarlet 10
1812 Sulphur Yellow 10	1815 Striped 10
1813 Bright Rose 10	1816 Pure White 10
1818 Collection of 1 pkt. each of the above 6 colors.....	50
1820 Mixed. All colors Marguerite Carnations. $\frac{1}{2}$ oz., 30 cts.....	5

Giant Marguerite Carnation.

1830 An improved strain, producing flowers of immense size, frequently measuring $2\frac{1}{2}$ to 3 inches across. Strong, vigorous growers, and wonderfully free-flowering; mixed colors. $\frac{1}{2}$ oz., 50 cts..... 10



EMPEROR CANDYTUFT.



CELOSIA CRISTATA GLASGOW PRIZE.

Celosia Cristata.

(Cockscomb.)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

PER PKT.

1851 **Empress.** Rich crimson; combs of colossal proportions. $\frac{1}{4}$ oz., 50 cts. 10

1852 **Glasgow Prize.** Immense, showy dark crimson combs. $\frac{1}{4}$ oz., 50 cts.

1853 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. $\frac{1}{4}$ oz., 50 cts. 10

1854 **Variegata.** Variegated with crimson, orange, green-striped, etc., of the most brilliant hues; 3 feet. 5

1860 **Dwarf, Mixed.** Fine dwarf varieties. $\frac{1}{4}$ oz., 30 cts. 5

1858 **Imported Collection** of 6 dwarf Cockscombs, 30 cts.

CELOSIA PLUMOSA (Feathered Cockscomb).

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

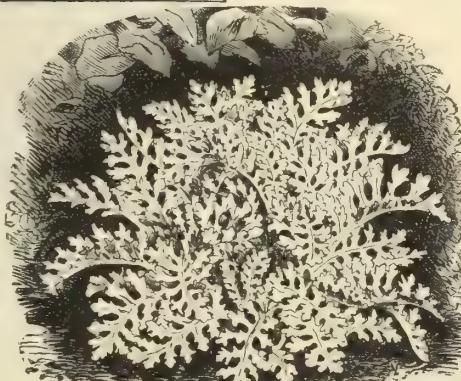
1867 **Thompson's Superb** (*Triomphe de l'Exposition*). Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze colored foliage. $\frac{1}{4}$ oz., 25 cts. 10

1868 **Thompsoni Magnifica.** Similar to the preceding except in color, which vary in the most magnificent shades, ranging from the clearest yellow to the darkest blood-red. $\frac{1}{4}$ oz., 40 cts. 15

1866 **Golden Plume.** Bright, golden-yellow plumes. $\frac{1}{4}$ oz., 25 cts. 10

1870 **Plumosa, Mixed.** Feathered varieties in all colors. $\frac{1}{4}$ oz., 25 cts. 5

Centaureas. (See page 74.)

CINERARIA MARITIMA.
(Dusty Miller.)

PER PKT.

10

CERASTIUM (Snow in Summer). PER PKT.

1911 **Tomentosum.** A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. 15

CINERARIA.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

PER PKT.

1963 **Dreer's Prize Dwarf.** Extra fine. 35

1964 **Dreer's Prize Tall.** Very large flowers. 35

1961 **Matador.** The new, large-flowering scarlet, which adds considerable life and brilliancy to a collection. 50

1966 **Stellata** (*Star Cineraria*). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting. 25

White-leaved Cineraria.

(Dusty Millers.)

1971 **Maritima Candidissima.**

These, as well as the white-leaved Centaureas offered on page 74, are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5



CELOSIA PLUMOSA THOMPSON'S SUPERB.

CENTAUREAS.

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost anywhere, and are much in demand as cut flowers.

CORNFLOWERS (*Centaurea Cyanus*).

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, Kaiser Bloom, and sometimes as Ragged Robin, but which name belongs to one of the *Lychnis* and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover and always included in old-fashioned gardens. They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow *Calochortus*, Marigolds, *Calendulas* or California Poppies, makes a very rich combination.

PER PKT.

1876 Cyanus Blue.	The favorite dark blue sort so much in demand for cutting. Per oz., 30 cts.	5
1877 — Rose.	Per oz., 30 cts.	5
1878 — White.	Per oz., 30 cts.	5
1880 — Mixed.	Blue, white rose, etc. Per oz., 25 cts.	5
1881 — Double Blue.	This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. $\frac{1}{4}$ oz., 50 cts.; 2 pkts., 25 cts.	15
1890 — Double-flowered Mixed.	All colors, including blue, rose, white, etc. Per oz., 50 cts.	10



CENTAUREA IMPERIALIS (Royal Sweet Sultan).



CENTAUREA CYANUS (Cornflower).

ROYAL SWEET SULTANS.

(Centaurea Imperialis.)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut.) We offer the following distinct colors:

PER PKT.	PER PKT.
1891 Brilliant Rose ...	10
1892 Dark Rose	10
1893 Deep Lavender ..	10
1899 Collection containing a packet each of the 6 colors..	50
1900 Finest Mixed Colors. $\frac{1}{4}$ oz., 20 cts.....	5

VARIOUS CENTAUREAS.

1874 Americana (<i>Basket Flower</i>).	A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting. $\frac{1}{4}$ oz., 25 cts.	5
1901 Suaveolens (<i>Yellow Sweet Sultan, or Grecian Cornflower</i>).	Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. $\frac{1}{4}$ oz., 20 cts.	5

WHITE-LEAVED CENTAUREAS.

(Dusty Miller.)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. <i>The white-leaved Cinerarias are also known as Dusty Miller.</i> See p. 73.	
1871 Candidissima. Silvery white; leaves broadly cut. Per 1000 seeds, 60 cts.	15
1872 Gymnocarpa. Fine-cut silvery foliage; 1 $\frac{1}{2}$ feet. Per 1000 seeds, 30 cts.	10



SINGLE ANNUAL CHRYSANTHEMUMS.

The Cardinal Climber

No introduction of recent years has met with more favorable comment than this brilliant annual climber. Beautiful alike in flower and foliage, it is the most striking novelty of a decade. For description see Novelties and Specialties, pages 50 to 59.

CHRYSANTHE- MUMS.

PERENNIAL VARIETIES.

1944 **Japanese Hybrids.** Our stock SHASTA
of this comes to us direct from DAISY ALASKA.
Japan, and is saved from a magnificent col- PKT.
lection of over one hundred varieties, and
cannot fail to produce satisfactory results.
Seed sown in spring will produce flowering
plants by fall..... 15

1951 **Hardy Pompon.** A fine strain of the old-
fashioned hardy fall-flowering sorts, with
double button-like blossoms. Mixed colors.. 15

1946 **Maximum King Edward VII (Moon-
penny Daisy).** Considered the finest of all,
with flowers of extraordinary size, of purest
white, perfect form, and exceedingly free-
flowering. A splendid addition to this useful
hardy perennial. 2 pkts. for 25 cts..... 15



CHRYSANTHEMUM CORONARIUM.

Chrysanthemums.

ANNUAL VARIETIES.

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn-flowering varieties.

PER PKT.

1925 **Indorum Plenissimum (Double White Mayweed).** Makes a bushy plant about 2 feet high, with fine feathery foliage and pure white, intensely double flowers, which are produced from midsummer till frost; splendid for cutting. $\frac{1}{4}$ oz., 25 cts..... 10

1926 **Segetum, Evening Star, or Helios (Corn Marigold, or Annual Golden Marguerite).** A splendid variety for cutting; flowers 3 inches across, of pure golden-yellow; in general appearance resembles the yellow Paris Daisy. $\frac{1}{4}$ oz., 25 cts..... 10

1923 **Coronarium Double Mixed.** Yellow, white, etc., (See cut.) Oz., 30 cts..... 5

1930 **Single Mixed (Painted Daisies).** Many colors. Oz., 30 cts..... 5

1929 **Imported Collection** of 8 summer-flowering annual varieties 30

SHASTA DAISIES.

(Chrysanthemum Leucanthemum.)

1948 **Alaska.** A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. 5 pkts., \$1.00..... 25

1950 **Shasta Daisy.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts..... 15



CLEOME GIANT SPIDER FLOWER.

CLARKIA.

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

PER PKT.

1981	Alba Fl. Pl.	Very double, pure white	10
1984	Brilliant.	Rich crimson scarlet; very double	10
1982	Salmon Queen.	Extra double, salmon-pink	10
1983	Scarlet Queen.	A brilliant orange-scarlet; a rare shade	10
		A pkts, each of the 4 sorts, 30 cts.	

CLEOME (Giant Spider Flower).

2002	Gigantea.	In our trial grounds this proved to be the finest Cleome we had ever seen. The plant attains a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. $\frac{1}{4}$ oz., 25 cts.	10
2003	Gigantea Alba.	A splendid pure white variety. $\frac{1}{4}$ oz., 30 cts.	10

COLEUS (Flame Nettle).

2040	Dreer's Hybrids.	Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow indoors in March or April.	25
2041	Ornatus.	Splendid large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes.	25

CONVOLVULUS (Morning Glory)
**MAJOR, OR CLIMBING MORN-
ING GLORIES.**

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals 15 feet. (See cut.)

PER PKT.

2060	Mixed.	All colors. Per oz., 15 cts.	5
2061	Double Flowering.	About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or single. Per oz., 40 cts.	10
2059	Imported Collection	of 10 varieties. <i>Imperial Japanese or Emperor Morning Glories are offered on page 89.</i>	30

Minor, or Dwarf Morning Glories.

While these are called dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

2053 **Minor Roseus Superbus.**

A very attractive sort, with glistening satiny rose-pink flowers. Per oz., 25 cts.

2052	Minor Tricolor, Mixed.	A very large range of color, from pure white to deep purple; annual; 1 foot. Per oz., 15 cts.	5
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CLARKIA ELEGANS FL. PL.



CONVOLVULUS MAJOR.

COBÆA (Cups and Saucers Vine).

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.)

2021 **Scandens.** Large, bell-shaped purple flowers. Per $\frac{1}{4}$ oz., 25 cts. 10
2022 **Scandens Alba.** Pure white. Per $\frac{1}{4}$ oz., 40 cts. 15

PER PKT.

COREOPSIS.

2071 **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10

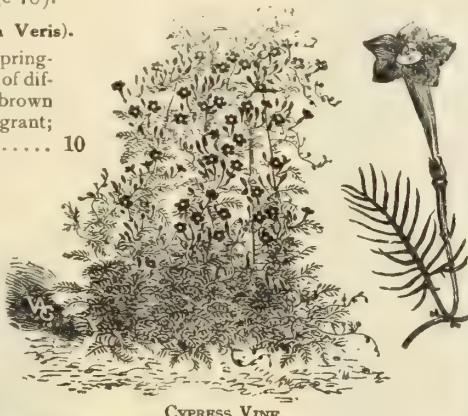
COSMOS (See page 78).

COWSLIP (*Primula Veris*).

2110 **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown, edged yellow, etc. Very fragrant; 6-in. 10

2112 **Invincible Giant.**

Quite distinct from the ordinary Cowslip both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimsons. ... 25



CYPRESS VINE.



COBÆA SCANDENS.

CYCLAMEN.

Charming house plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn. The strains we offer are unsurpassable.

	PER 100 SEEDS.	PER PKT.
2120 Persicum. A very fine strain, not so large, but easier to grow than the Giants, mixed colors.	\$0 60	15
2125 Giant Pure White.	1 00	25
2126 — White with carmine eye.	1 00	25
2127 — Dark Blood-red	1 00	25
2128 — Delicate rose with deep crimson eye.	1 00	25
2130 — Finest Mixed. Saved from a superb collection.	1 00	25
2122 Wonder of Wandsbek. The new salmon-colored giant-flowering variety, the brightest of all.	1 75	35
2123 Butterfly. In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors		50

CYPRESS VINE (*Ipomoea Quamoclit*).

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet.

2156 Scarlet. Per oz., 30 cts.	5
2157 White. Per oz., 30 cts.	5
2160 Mixed. White and Scarlet. Per oz., 25 cts.	5
2158 Quamoclit Hybrida (<i>The Cardinal Climber</i>). See Novelties and Specialties, pages 50 to 59.	25



COREOPSIS LANCEOLATA GRANDIFLORA.



MAMMOTH PERFECTION COSMOS.

COSMOS.

Beautiful autumn-blooming plants. They produce thousands of beautiful flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations when other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. The sorts offered below produce the finest flowers, but bloom late, and for points north of Philadelphia it is safer to get the extra early flowering type.

Mammoth Perfection Cosmos. A magnificent selection, bearing flowers of mammoth size and perfect form, and representing the highest development in Cosmos to date. We offer it in the following colors:

	PER PKT.
2081 Crimson. Rich and deep. $\frac{1}{2}$ oz., 25 cts.	10
2082 Light Pink. A popular color. $\frac{1}{2}$ oz., 25 cts.	10
2083 Pure White. $\frac{1}{2}$ oz., 25 cts.	10

A packet each of the three colors, 25 cts.

2090 **Mixed Mammoth Perfection.** $\frac{1}{2}$ oz., 20 cts.

2084 **Pink Lady Lenox.** This, the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems, in color a beautiful deep rosy-pink. The plant is of strong, vigorous growth, 6 to 7 feet high. $\frac{1}{2}$ oz., 40 cts.

2085 **White Lady Lenox.** A new variety which we offer this season for the first time. 2 pkts., 25 cts.

2100 **Large-flowering, Mixed.** $\frac{1}{2}$ oz., 15 cts.

2092 **"Klondyke."** Golden-yellow, flowers borne on long stems and measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. 10

EXTRA EARLY COSMOS.

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, and will undoubtedly perfect their blooms in the most northerly States.

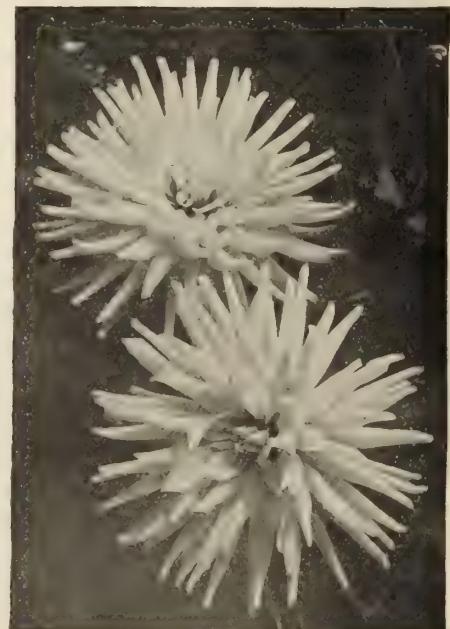
	PER $\frac{1}{4}$ OZ.	PER PKT.
2091 Dawn. White, flushed pink	30 cts.	10 cts.
2094 Deep Crimson. Very rich	30	10
2095 Pink. A pretty shade	30	10
2096 Pure White	30	10
A pkt. each of the 4 colors for 30 cts.		
2097 Mixed. All colors. $\frac{1}{2}$ oz., 25 cts.		10

DAHLIAS

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

PER PKT.

2186 Twentieth Century. In size the flowers are giants, 4 $\frac{1}{2}$ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. Like most Dahlias, seedlings are likely to come somewhat variable. 2 pkts. for 25 cts.	15
2181 Colossal Peony-flowered. A French strain, producing mammoth semi-double Peony-like flowers in a bewildering range of colors.	15
2185 Collerette. A novel type, having a row of short petals around the disc like a frill or collar, and which is always of a different color to the regular petals; mixed colors.	15
2182 Giant Perfection. This strain produces single flowers of immense size, averaging 6 inches across, in a great variety of coloring. $\frac{1}{2}$ oz., 50 cts.	15
2190 Single Mixed. All colors. $\frac{1}{2}$ oz., 25 cts.	5
2188 Imported Collection of 6 distinct single sorts	50
2196 Double Cactus. This type is very desirable. Many colors. $\frac{1}{2}$ oz., 50 cts.	15
2200 Double Large-flowering. Saved from fine double show sorts. $\frac{1}{2}$ oz., 50 cts.	10



DOUBLE CACTUS DAHLIAS.

DELPHINIUM (Hardy Perennial Larkspur).

Mr. W. C. Egan, the well-known amateur and writer on horticultural subjects, says of Delphiniums:

"Sow the seeds in early spring indoors or in hot-beds in shallow boxes. When the seedlings are about three-quarters of an inch high, transplant to flats three or four inches apart each way, and a week or ten days before planting out time remove the flats to open air, protecting them cold days or nights; this hardens them off and prevents any set-back when planted out."

"Spring-sown plants bloom in July and August. They take up very little room, for they may be planted six to eight inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in larger groups in the shrubbery border or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the bed heavily manured, the plants reset and more room given each plant."

They can also be sown in the open ground in spring, but would not likely flower until the second year.

We also offer among other Specialties, on pages 50 to 59 a number of the very choicest of the newer hybrids:

PER PKT.

2238 **Gold Medal Hybrids.** This is an extra fine strain of strong, vigorous habit, with immense spikes from 2 to 3 feet long of large flowers, mostly in fine shades of light blue. (See colored plate opposite, page 200.) $\frac{1}{4}$ oz., 50 cts. 15

2218 **Belladonna** (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty. A really exquisite variety. 5 pkts., \$1.00. 25

2223 **Chinense** (Blue Butterfly). A distinct and neat variety, growing about 18 high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. $\frac{1}{4}$ oz., 25 cts. 5



GOLD MEDAL HYBRID DELPHINIUMS.

PER PKT.

2222 — **Album.** The white-flowered form. $\frac{1}{4}$ oz., 25 cts. 5

2225 **Elatum** (Bee Larkspur). Rich blue of various shades with black centres; grows 3 to 5 feet high. $\frac{1}{4}$ oz., 30 cts. 10

2231 **Formosum.** Beautiful spikes of rich blue flowers, with a white centre; 2 $\frac{1}{2}$ feet. Per $\frac{1}{4}$ oz., 25 cts. 5

2232 — **Celestinum.** Exquisite celestial blue, with white centre; a beautiful variety. $\frac{1}{4}$ oz., 50 cts. 15

2236 **Grandiflorum Fl. Pl.** Finest double mixed in great variety of charming colors. $\frac{1}{4}$ oz., 50 cts. 15

For New Named Hybrid Delphiniums see Novelties and Specialties, pages 50 to 59.

DIGITALIS (Foxglove).

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxinæflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes.

PER PKT.

2356 **Purple.** $\frac{1}{4}$ oz., 30 cts. 10

2357 **Rose.** $\frac{1}{4}$ oz., 30 cts. 10

2358 **White.** $\frac{1}{4}$ oz., 30 cts. 10

2360 **Gloxinæflora, Mixed.** All colors. $\frac{1}{4}$ oz., 25 cts. 5

2366 **Grandiflora.** Light yellow flowers in good spikes. $\frac{1}{4}$ oz., 25 cts. 5

2367 **Maculata Superba.** An extra choice strain of beautifully spotted sorts. $\frac{1}{4}$ oz., 30 cts. 10

2370 **Monstrosa** (Mammoth Foxglove). Long spikes, surmounted by one enormous flower; very odd; all colors mixed. $\frac{1}{4}$ oz., 40 cts. 10



DIGITALIS GLOXINÆFLORA.



GROUP OF DOUBLE ANNUAL PINKS.

	PER PKT.
2287 Mirabilis Fl. Pl. (<i>Double Marvelous Pink</i>). Large, wonderfully fringed double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson. $\frac{1}{2}$ oz., 50 cts. 10	
2288 Lucifer . A new double-flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, is sure to become a great favorite. $\frac{1}{2}$ oz., 50 cts. 10	
2290 Laciatus Fl. Pl. (<i>Double Fringed Pink</i>). Large, double, showy flowers, with fringed edges, in a great variety of colors, including beautifully striped sorts, mixed colors. Per $\frac{1}{4}$ oz., 30 cts. 5	
2300 Nobilis Fl. Pl. (<i>Double Royal Pinks</i>). A double-flowering form of the Royal Pinks. Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. $\frac{1}{2}$ oz., 50 cts. 10	

Dreer's Collection of 12 "Brilliant" Dianthus.

We illustrated in colors a few years ago twelve of the best varieties, including six double and six single-flowering sorts. Many favorable reports have been received, and they are now used annually in many of the finest gardens. We again offer the same collection, which contains a packet each of the following, which are described above and on the next page.

Double Fireball	Double Mourning Cloak	Single Eastern Queen	Single Vesuvius
" Snowball	" Striped Beauty	" Princess	" Crimson Belle
" Salmon King	" Violet Queen	" Nobilis	" Marvellous
2289 Collection of Dreer's 12 "Brilliant" Pinks, as noted above.			60 cts.

DIANTHUS or PINKS. SINGLE ANNUAL PINKS.

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

	PER PKT.
2301 "Crimson Belle." Rich velvety crimson	Per $\frac{1}{2}$ oz., 25 cts. 5
2302 "Eastern Queen." Beautifully marbled rose and mauve flowers.	Per $\frac{1}{2}$ oz., 25 cts. 5
2303 Nobilis (<i>Royal Pinks</i>). Selected and improved varieties of the popular single flowering Japan Pink. The colors vary from white to dark red.	$\frac{1}{2}$ oz., 40 cts. 10
2310 Hedgewigi (<i>Single Japan Pink</i>). Finest selected single-flowered, mixed.	Per $\frac{1}{2}$ oz., 25 cts. 5
2315 Punctatus (<i>Princess Pinks</i>). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors.	$\frac{1}{2}$ oz., 40 cts. 10
2316 Marvelous. This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish red.	$\frac{1}{2}$ oz., 40 cts. 10
2317 "Salmon Queen." The well-formed, nicely-fringed flowers are a brilliant salmon color, changing into a salmon rose when fading. The seeds of this variety are white or yellowish white; those of other annual Pinks are dark brown or black.	Per $\frac{1}{2}$ oz., 40 cts. 10
2319 Vesuvius. Brilliant geranium-red, makes a very effective bed or border.	Per $\frac{1}{2}$ oz., 50 cts. 10
2320 Lacinatus (<i>Single-Fringed Pink</i>). A beautiful fringed variety; various colors.	Per $\frac{1}{2}$ oz., 25 cts. 5

DREER'S COLLECTION OF 12 "BRILLIANT" DIANTHUS.

This fine collection contains a packet each of six of the best double and six of the best single sorts. For details see foot of previous page.



GROUP OF SINGLE ANNUAL PINKS.

HARDY GARDEN PINKS.

(*Dianthus*.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

PER PKT.

2340 Plumarius (<i>Grass Pink, Scotch Pink or Pheasant-eye Pink</i>). A beautiful, single hardy Pink, with fringe-edged white flowers, with a dark centre.	$\frac{1}{2}$ oz., 20 cts. 5
2337 Plumarius Fl. Pl. (<i>Double Hardy Garden Pinks</i>). Double and semi-double varieties in beautiful colors.	$\frac{1}{2}$ oz., 50 cts. 10
2338 Plumarius Nanus Fl. Pl. (<i>Double Dwarf Erfurt Clove Pink</i>). This new strain is of compact growth and early-flowering, coming into bloom two weeks or more in advance of any other variety. They possess the spicy clove fragrance of the old-fashioned Pink, and have a much richer variety of coloring.	2 pkts., 25 cts. 15
2336 Semperflorens (<i>Everblooming Hardy Garden Pinks</i>). Very beautiful sweet-scented, double, semi-double and single flowers in great diversity of color.	25
2342 Latifolius Atrococcineus Fl. Pl. (<i>Everblooming Hybrid Sweet William</i>). This is a cross between an annual Pink and a Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden.	$\frac{1}{2}$ oz., 50 cts. 10
2343 Latifolius Double Mixed. In addition to the brilliant crimson-scarlet sort offered above, this mixture contains purple, violet and rose.	$\frac{1}{2}$ oz., 40 cts. 10



DIANTHUS LATIFOLIUS ATROCOCINEUS, FL. PL.

DATURA (Trumpet Flower).

PER PKT.

Ornamental annuals, with large and showy flowers, making handsome plants, 2 to 3 feet high.

2214 **Double Golden.** Deep golden yellow; delightfully fragrant. 5

2213 **Fastuosa Huberiana.** Large double flowers of various colors. 5

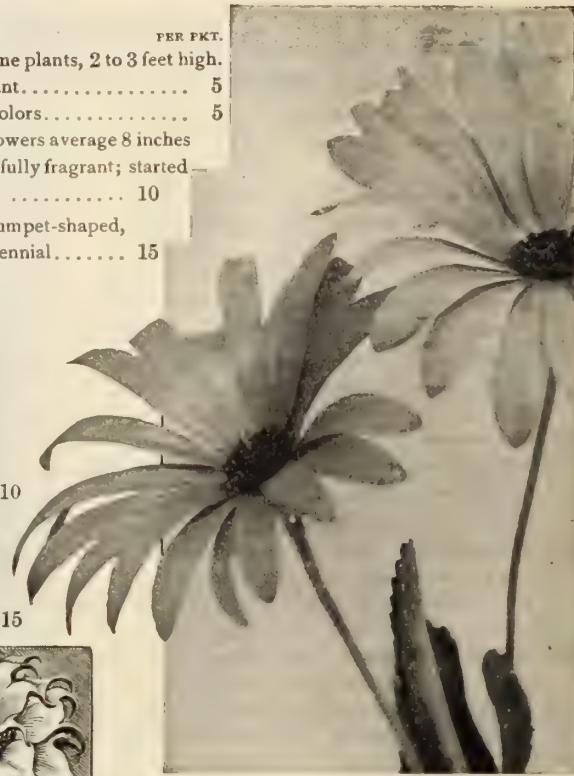
2212 **Cornucopia** ("Horn of Plenty"). A grand variety; the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started—early will flower from early summer until fall. (See cut.) 10

2211 **Arborea Simplex** (*Brugmansia*). Large single, trumpet-shaped, white, fragrant flowers about 12 inches long; half-hardy perennial. 15

DIMORPHOTHECA (African Golden Daisy).

2375 **Aurantiaca.** An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are 2½ inches and over across, are a unique, rich, glossy, orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. ½ oz., 50 cts. 10

2374 **Aurantiaca Hybrida.** Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. 2 pkts., 25 cts. 15



DIMORPHOTHECA.

DRACÆNA (Dragon Plant).

2386 **Indivisa.** Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations 10



DATURA CORNUCOPIA.

DOLICHOS (Hyacinth Bean).

A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet. (See cut.)

2377 **"Daylight."** This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had, by the middle of July, attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green, and not affected by insect pests. Per oz., 25 cts. 10

2376 **"Darkness."** Identical in every way to the above, except in color, which is a rich purple violet. Per oz., 25 cts. 10

2380 **Lablab, Mixed.** Purple and white. Per oz., 15 cts. 5

ECHINOCYSTIS (Wild Cucumber Vine).

2401 **Lobata.** One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers during July and August. See cut on opposite page. Per oz., 30 cts. 5

ERYNGIUM (Sea Holly).

2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely-cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets. 15

ERYSIMUM (Fairy Wallflower).

2411 **Peroeskianum.** We sent out for trial the past two seasons a number of packets of this annual, and have received so many favorable reports that we have concluded to add it to our list. The plants grow about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Oz., 25 cts. 5

DOLICHOS (Hyacinth Bean).



ESCHSCHOLTZIAS OR CALIFORNIA POPPIES.

ESCHSCHOLTZIA (California Poppy, Gold Cups).

Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination, either in the garden or when cut; 1 foot. (See cut.)

	PER PKT.	PER PKT.	
2423 Californica. Bright yellow. Oz., 30 cts.	5	2422 Crimson King. An extra fine selection of this rich crimson variety. Oz., 50 cts.	10
2425 — Aurantiaca. Rich orange. Oz., 30 cts.	5	2426 Mandarin. Inner side of the petals rich orange, the outer side brilliant scarlet. Per oz., 30 cts.	5
2432 Cross of Malta. Pure yellow with orange blotch at base of petals, forming a Maltese Cross; light grey-green foliage. Oz., 30 cts.	5	2428 Golden West. Very large flowers; buttery-yellow, with orange centre. Oz., 50 cts.	10
2431 Caniculata Rosea. Beautifully fluted flowers of a bright rosy-pink. Oz., 50 cts.	10	2429 Collection of the 7 named sorts.	40
2430 Single Mixed. All colors. Oz., 25 cts.	5		
2440 Double Mixed. All colors. Oz., 30 cts.	5		

EUPATORIUM (Thorough Wort).

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early.

	PER PKT.
2442 Ageratoides. A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October.	10
2441 Fraseri. A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets; 1½ feet	10

EUPHORBIA.

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

2452 Variegata (<i>Snow on the Mountain</i>). Attractive foliage; veined and margined with white; 2 feet. (See cut.)	Per oz., 30 cts.	5
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EUPHORBIA VARIEGATA (Snow on the Mountain).

2451 **Heterophylla** (Annual *Poinsettia*, *Mexican Fire Plant*, *Painted Leaf*). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy-green leaves, which about mid-summer become a beautiful orange-scarlet, presenting a striking and brilliant appearance. 10

GAURA.

2511 **Lindheimeri.** A graceful perennial 3 to 4 feet high, bearing numerous spikes of rosy-white flowers from July till frost. This plant is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc., giving an air of grace to what would otherwise be stiff and formal. ¼ oz., 25 cts. 5



ECHINOCYSTIS LOBATA.
(Offered on opposite page.)



GAILLARDIA PICTA LORENZIANA.

GAILLARDIA

(Blanket Flower.)

Annual Varieties.

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet.

PER PKT.

2495 **Amblyodon.** Rich blood-red; very effective. $\frac{1}{4}$ oz., 25 cts. 10
 2496 **Picta.** Crimson and orange. $\frac{1}{4}$ oz., 15 cts. 5
 2500 **Picta Mixed.** Single sorts; fine colors. $\frac{1}{4}$ oz., 15 cts. 5
 2498 **Lorenziana, "The Bride."** The double annual Gaillardias have always been favorites both as cut flowers and for bedding, and this new very double creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems. 2 pkts. for 25 cts. 15
 2497 **Lorenziana Mixed.** A charming, profuse, double-flowering strain; beautiful mixed colors. (See cut.) $\frac{1}{4}$ oz., 25 cts. 5

Hardy Perennial Varieties.

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

2503 **Kermesina Splendens.** Centre rich crimson, narrow canary-yellow border. 15
 2502 **Grandiflora Compacta.** A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. $\frac{1}{4}$ oz., 40 cts. 15
 2510 **Grandiflora Superba.** Our own saving. Splendid combinations of crimson and gold in great variety. $\frac{1}{4}$ oz., 25 cts. 10

GERANIUM (Pelargonium).

PER PKT.

2530 **Zonale, Mixed.** A superb strain of the largest and finest varieties. Very interesting to grow from seed which should be started indoors and transferred to the open in May or June. 10

GEUM (Avens).

2541 **Atrosanguineum Fl. Pl.** Beautiful hardy perennial, bearing profusely large, showy double dark crimson flowers all through the summer; an elegant flower for bouquets. 10

GLOBE AMARANTH.

(Gomphrena.)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes. (See cut.)

PER PKT.

2567 **Nana Compacta.**
 Red; 1 foot. $\frac{1}{4}$ oz., 20 cts. 5
 2570 **Mixed.** 2 feet. $\frac{1}{4}$ oz., 15 cts. 5

Novelties and Specialties

IN

Flower Seeds

are offered on pages 50 to 59.



GAILLARDIA GRANDIFLORA.



GLOBE AMARANTH.

GODETIA.

Attractive hardy annuals, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. 1 foot. (See cut.)

PER PKT.

	PER PKT.
2585 Brilliant. Glowing carmine-rose, very bright and satiny. $\frac{1}{4}$ oz., 15 cts.	5
2586 Duchess of Albany. Pure white, of compact growth. $\frac{1}{4}$ oz., 15 cts.	5
2587 Gloriosa. Large, satiny, brilliant blood-red flowers; richest colored of all. $\frac{1}{4}$ oz., 25 cts.	10
2588 Rosamond. A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. $\frac{1}{4}$ oz., 25 cts.	10
2590 Mixed. All colors. Per oz., 30 cts.	5

ORNAMENTAL GOURDS.

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the twelve kinds offered below.

PER OZ. PER PKT.

2607 Apple-shaped. No. 1	30	5
2611 Bottle-shaped. No. 10	30	5
2612 Dipper, or Calabash. No. 7	30	5
2613 Egg-shaped. Fruit white like an egg. No. 4	30	5
2614 Hercules' Club. Club-shaped; 4 feet long. No. 12	30	5
2615 Luffa. (<i>Dish-rag, Sponge or Bonnet Gourd</i>). No. 9	30	5
2616 Orange-shaped. (<i>Mock Orange</i> .) No. 3	30	5
2617 Pear-shaped. Striped; very showy. No. 2	30	5
2618 African Pipe. The stem ends of the fruits are much used in making pipes. No. 8	30	5
2619 Spoon. A very odd variety. No. 5	10	10
2621 Knob Kerrie. A very ornamental variety, bearing fruits having a slender stem 3 to 5 feet long, with a round knob or ball on the end. No. 6	50	10
2622 Turk's Turban. Red striped. No. 11	30	5
2629 Collection of the above 12 varieties, 50 cts.		
2630 Mixed Varieties. All kinds	25	5



GODETIA.

GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March.

PER PKT.

2578 Hybrida Grandiflora. An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts.	25
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GREVILLEA ROBUSTA.

GOLDEN ROD.
(*Solidago Canadensis*)

2601 The well-known golden yellow favorite; hardy perennial; 2 to 5 feet...	10
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GREVILLEA.

(Silk Oak.)

2681 Robusta. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. $\frac{1}{4}$ oz., 30 cts.	10
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ORNAMENTAL GOURDS.

ORNAMENTAL GRASSES.

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

	PER PKT.
2638 Agrostis Nebulosa (<i>Cloud Grass</i>). An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. $\frac{1}{2}$ oz., 25 cts....	10
2640 Arundo Donax (<i>Great Reed</i>). Magnificent hardy sort....	10
2641 Briza Maxima (<i>Quaking Grass</i>). In great demand for grass bouquets.....	5
2644 Coix Lachrymae (<i>Job's Tears</i>). Broad, corn-like leaves and hard, shining pearly seeds; annual. Per oz., 15 cts.....	5
2647 Eulalia Zebrina (<i>Zebra Grass</i>). Light green, barred with creamy white. Variegation runs across foliage	10
2648 — Variegata . Long, narrow, green leaves, striped with white; fine feathery plumes; very ornamental	10
2651 Gynernium Argenteum (<i>Pampas Grass</i>). White silvery plumes; perennial; blooms the second season.....	10
2654 Pennisetum Longistylum . Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. $\frac{1}{2}$ oz., 25 cts.	5
2655 — Rueppelianum (<i>Purple Fountain Grass</i>). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 ft. (See cut.) Per $\frac{1}{2}$ oz., 30 cts.....	10
2656 — Japonicum . A new hardy variety, and one of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year. 2 pkts., 25 cts.....	15
2658 Stipa Pennata (<i>Feather Grass</i>). Perennial, beautiful, delicate white, feathery bloom; flowering the second season; 2 feet.....	5
2661 Uniola Latifolia (<i>Spike Grass</i>). A pretty native perennial variety, with very ornamental graceful drooping panicles, 3 to 4 feet.....	10
2669 Collection of Grasses . 12 varieties, noted above.....	75



ORNAMENTAL GRASS.
PENNISETUM RUEPPELIANUM.



GYPSOPHILA.

(Baby's Breath.)

Pretty free flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

PER PKT.

2691 Elegans alba grandiflora . This is an improved large-flowering, pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made	5
during the season to keep up a supply. (See cut.) Per oz., 25 cts..	5
2694 Muralis . An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Per $\frac{1}{2}$ oz., 20 cts.....	5
2692 Paniculata . White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. $\frac{1}{2}$ oz., 15 cts.....	5
2695 Paniculata Fl. Pl. The new double flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts.....	20
2693 Acutifolia . A strong growing hardy perennial sort, 3 to 4 feet high, with large panicles of small white flowers in July; $\frac{1}{2}$ oz., 20 cts.....	5



HELENIUM RIVERTON BEAUTY.

HELENIUM (Sneezewort).

Strong-growing hardy perennials, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer.	
2711 Autumnale Superbum . Golden yellow flowers; 5 to 6 feet....	10
2713 Riverton Gem . Flowers opening old gold, changing as they mature to wall-flower red; 3 feet. 2 pkts., 25 cts.....	15
2714 Riverton Beauty . Rich lemon-yellow, with a large purplish black cone. 2 pkts., 25 cts.....	15



NEW MINIATURE SUNFLOWERS.

SINGLE ANNUAL SUNFLOWERS.

The single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

PER PKT.

2701 **Cucumerifolius** (*Miniature Sunflower*). Small, single, rich yellow flowers. An abundant bloomer; 4 feet. $\frac{1}{2}$ oz., 15 cts. 5

2703 — **Stella** (*Improved Miniature Sunflower*). Differs from the above by its larger and better formed flowers of the purest golden yellow, with black disc. $\frac{1}{2}$ oz., 15 cts. 5

2702 — **Orion**. Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. $\frac{1}{2}$ oz., 25 cts. 10

2700 — **New Miniature Mixed**. A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut). $\frac{1}{2}$ oz., 25 cts. 10

2707 — **Perkeo**. A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are many positions, such as the front of borders or beds of plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. $\frac{1}{2}$ oz., 25 cts. 10

HARDY PERENNIAL SUNFLOWERS.

2705 **Mixed**. Contains the finest single-flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. $\frac{1}{2}$ oz., 50 cts. 15

HELIANTHUS (Sunflower).

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

Double Annual Sunflowers.

PER PKT.

2697 **Cucumerifolius Fl. Pl.** The double-flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden-yellow. 10

2696 **Chrysanthemum-flowered**. Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Per oz., 40 cts. 10

2706 **NaNus Fl. Pl.** (*Globe of Gold*). Dwarf, double yellow flowers; 4 feet. Per oz., 25 cts. 5

2704 **Globosus Fistulosus** (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 25 cts. 5

HELICHRYSUM (Straw Flower).

2720 **Monstrosum Fl. Pl.** One of the best of "Everlasting" Flowers. Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. Mixed. (See cut.) Per $\frac{1}{2}$ oz., 20 cts. 5

2719 **Imported Collection**. 8 varieties. 50

HELIOPSIS (Orange Sunflower).

2731 **Pitcheriana**. A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, of very thick texture and very graceful for cutting. $\frac{1}{2}$ oz., 30 cts. 10

2732 **Scabra Zinniaeflora**. A new double-flowering form, bearing golden yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennials for cutting. 2 pkts., 25 cts. 15



HELICHRYSUM (Straw Flower).



HELIOTROPE. LEMOINE'S GIANT.

HELIOTROPE (Cherry Pie).

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May. (See cut.)

	PER PKT.
2737 Lemoine's Giant. Of robust growth, and produces heads of flowers double the size of the old sort; mixed colors. $\frac{1}{8}$ oz., 50 cts.	10
2736 Regal. A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades.	25
2740 Mixed. All colors of the regular type. $\frac{1}{8}$ oz., 25 cts.	5
2738 Imported Collection of 6 sorts.	40

HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants. These we offer with other hardy plants under their proper head. (See cut.)

DOUBLE VARIETIES.

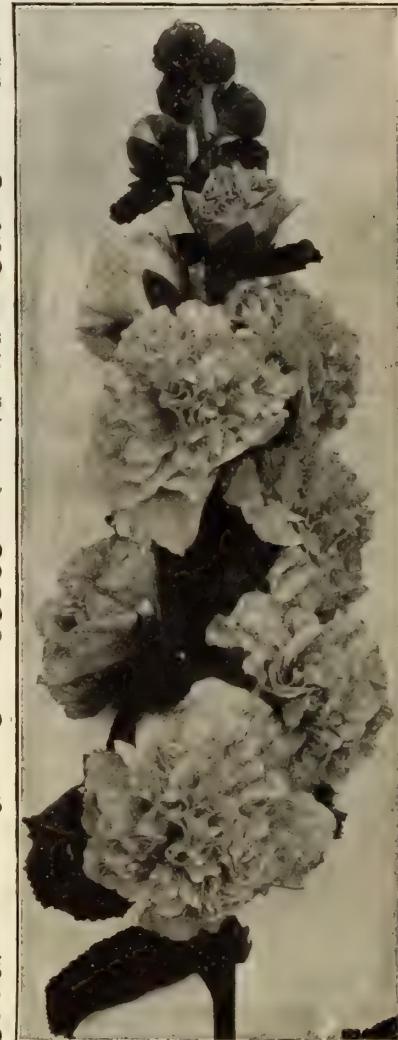
The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

	PER PKT.	PER PKT.	
2782 Maroon. $\frac{1}{8}$ oz., 40 cts.	10	2785 Salmon Rose. $\frac{1}{8}$ oz., 40 cts.	10
2783 Bright Rose. $\frac{1}{8}$ oz., 40 cts.	10	2786 White. $\frac{1}{8}$ oz., 40 cts.	10
2784 Bright Red. $\frac{1}{8}$ oz., 40 cts.	10	2787 Yellow. $\frac{1}{8}$ oz., 40 cts.	10
2790 Extra Choice Double Mixed. 30 cts. per $\frac{1}{8}$ oz.; \$1.00 per oz.	10		
2788 Collection of a packet each of the above 6 colors.		50	
2781 "Allegheny." Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per $\frac{1}{8}$ oz.; \$1.00 per oz.	10		
2791 Newport Pink. One of our own introductions and awarded a certificate of merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink double variety, exquisite in shade, flowers very double; 2 pkts., 25 cts.		15	

SINGLE VARIETIES.

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors, also mixed, viz.:

	PER PKT.	PER PKT.	
2793 Black Maroon.	15	2796 Red.	15
2794 Mauve.	15	2797 White.	15
2795 Pink.	15	2798 Yellow.	15
2780 Mixed. All colors.	$\frac{1}{8}$ oz., 30 cts.	10	
2799 Collection of a packet each of the 6 colors.		75	



DOUBLE HOLLYHOCK.

HUMULUS (Japanese Hop).

PER PKT.

2811 **Japonicus.** A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. $\frac{1}{4}$ oz., 20 cts. 5
 2812 — **Variegatus.** A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. $\frac{1}{4}$ oz., 25 cts. 10

HUNNEMANNIA.

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia.)

2821 **Fumariæfolia.** This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. $\frac{1}{4}$ oz., 25 cts. 10

IBERIS (Hardy Candytuft).

1771 **Gibraltarica Hybrida.** White shading to lilac. 10
 1772 **Sempervirens.** A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot. 15



HUNNEMANNIA

IMPATIENS (Sultan's or Zanzibar Balsam).

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

2842 **Sultani.** Flowers of brilliant rosy-scarlet color. 25
 2845 **Holstii Hybrids.** Forms strong, bushy plants about 2 feet high, covered with attractive flowers, when grown as pot plants, they bloom the year round. Choice mixed, all colors. 15



IMPERIAL JAPANESE IPOMOEAS.

IPOMŒA.

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

PER PKT.
 2851 **Bona Nox** (*Evening Glory*). Rosy lilac flowers, expanding in the evening; of very rapid growth. Oz., 25 cts. 5
 2853 **Grandiflora** (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per $\frac{1}{4}$ oz., 20 cts. Per oz., 60 cts. 10
 2158 **Quamoclit Hybrida** (*The Cardinal Climber*). The finest new annual climber introduced in many years. See Novelties and Specialties, pages 50 to 59. 25
 2854 **Rubra Cœrulea** (*Heavenly Blue*). Immense flowers of bright sky-blue; very beautiful. Per $\frac{1}{4}$ oz., 25 cts. 10
 2855 **Setosa** (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters from August to frost. As a quick growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts. 10

Imperial Japanese, or Emperor Morning Glories. These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. We offer the following six splendid sorts. (See cut.)

2861 **Adonis.** Rich purple, white throat. 10
 2862 **Aglaia.** Crimson with white throat; silvery foliage. 10
 2863 **Aphrodite.** Pure white, green foliage. 10
 2866 **Ceres.** Crimson, bordered white, silvery leaves. 10
 2867 **Collata.** Fringed and ruffled flowers of various colors. 10
 2868 **Juno.** Sky-blue, golden leaves. 10
 2879 **Collection.** A pkt. each of above 6 sorts. 40
 2880 **Mixed Imperial Japanese.** Saved from a grand collection, which we feel sure will produce results more than equaling our description of this wonderful plant. Per oz., 25 cts. 5
 (For other varieties of Ipomœas see Cypress Vine, Mina and Convolvulus.)

IRIS (Flowering Flag).

2890 **Kämpferi** (*Japanese Iris*). This is one of the showiest of the "Flags," and now extensively used in the hardy garden. The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. If you want immediate results, it will be necessary to get plants; these are one of our specialties. (See offer under Hardy Plants.) $\frac{1}{2}$ oz., 25 cts. 10

KOCHIA. (Standing Cypress or Belvedere.)

2911 **Trichophylla.** An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by midsummer it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. $\frac{1}{2}$ oz., 25 cts. 5

LANTANA.

2920 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. $\frac{1}{2}$ oz., 25 cts. 10



KOCHIA.

2976 **Trimestris Grandiflora Rosea.** A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. (See cut.) $\frac{1}{2}$ oz., 25 cts. 10



LAVATERA.

LATHYRUS.

(Everlasting, or Hardy Sweet Pea.)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

PER PKT.

2954 **Latifolius** "White Pearl." The finest white variety..... 15
2955 — **Pink Beauty.** Rosy pink 10
2960 — **Mixed.** All colors. Per oz., 40 cts. 5

LAVENDER.

(*Lavandula Vera*.)

2971 Well known, sweet-scented, hardy perennials; should be extensively grown in the mixed border; 3 feet. $\frac{1}{2}$ oz., 25 cts. 10

ANNUAL LARKSPURS.

This is one of the best known of garden flowers, and in recent years a vast improvement has been effected, by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shubbery border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

Double Stock-flowered. The finest variety with splendid spikes of beautiful double flowers. 2 $\frac{1}{2}$ to 3 feet. (See cut.)

PER PKT.	PER PKT.	
2931 Dark Blue 10	2934 Shell Pink	10
2932 Lilac 10	2935 Sky Blue 10	
2933 Lustrous Carmine or Newport Pink 10	2937 Pure White 10	
2940 Finest Mixed. All colors. $\frac{1}{2}$ oz., 20 cts.; oz., 60 cts. 10		
2938 Collection. A packet each of the above 6 colors..... 40		
2930 Dwarf Rocket. Fine double-mixed; 18 inches. Oz., 30 cts. 5		

DOUBLE STOCK-FLOWERED LARKSPUR.



LOBELIA CRYSTAL PALACE COMPACTA.

LIATRIS.

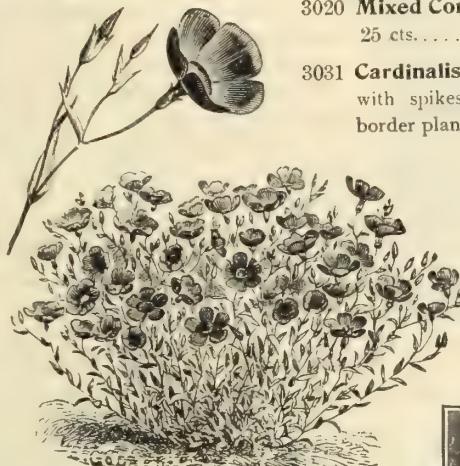
(Blazing Star, or Gay Feather.)

PER PKT.

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy-purple flowers from July to September; 3 to 4 feet. Mixed varieties. 10

LINARIA.

2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work..... 10



LINUM COCCINEUM.

LINUM (Flax).

PER PKT.

3002 **Coccineum** (*Scarlet Flax*). One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Oz., 25 cts. 5
 3003 **Perenne.** Bright blue flowers, hardy; 18 inches..... 10
 3004 **Narbonnense.** The finest hardy blue variety; 2 ft..... 25

LUPINUS (Lupine).

Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

3044 **Rich Blue.** Per oz., 30 cts. 10 | 3046 **Rose.** Per oz., 30 cts 10
 3045 **Sky Blue.** Per oz., 30 cts. 10 | 3047 **White.** Per oz., 30 cts.... 10
 A packet each of the 4 colors, 30 cts.
 3050 **Annual Mixed.** All colors. Per oz., 20 cts..... 5
Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:
 3052 **Rose** 10 | 3054 **Blue.** 10
 3053 **White** 10 | 3051 **Mixed.** All colors, oz., 30 cts 5
 A packet each of the 3 colors, 25 cts.

LYCHNIS (Rose Campion, Jerusalem Cross).

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

3061 **Chalcedonica.** Fine scarlet flowers; 2 feet. $\frac{1}{2}$ oz., 25 cts..... 5
 3062 **Haageana.** Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot. $\frac{1}{2}$ oz., 40 cts..... 10

LOBELIA.

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials:

PER PKT.

3012 **Crystal Palace Compacta.** Rich deep blue; dark foliage; the finest dark blue for bedding. Per $\frac{1}{2}$ oz., 50 cts. 10
 3013 **Emperor William.** A very compact variety; sky-blue flowers 10
 3014 **Heterophylla Major.** One of the best, coming into flower early, and continuing until frost. The plant forms dense globular bushes about 6 inches high, completely smothered with large flowers, of a most brilliant sky-blue, with a clear white eye. 15
 3016 **White Gem.** Forms a perfect ball of snow-white flowers. 10
 3023 **Speciosa.** Ultramarine blue; dark-leaved; trailing..... 5
 3022 **Gracilis.** Light blue; light green foliage; trailing..... 5
 3024 **Tenuior.** Of upright habit, about 15 inches high, with very large flowers of rich cobalt blue with white eye. Splendid for pots or bedding 15
 3020 **Mixed Compacta Varieties.** All colors. Per $\frac{1}{2}$ oz., 25 cts..... 5

3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. 15

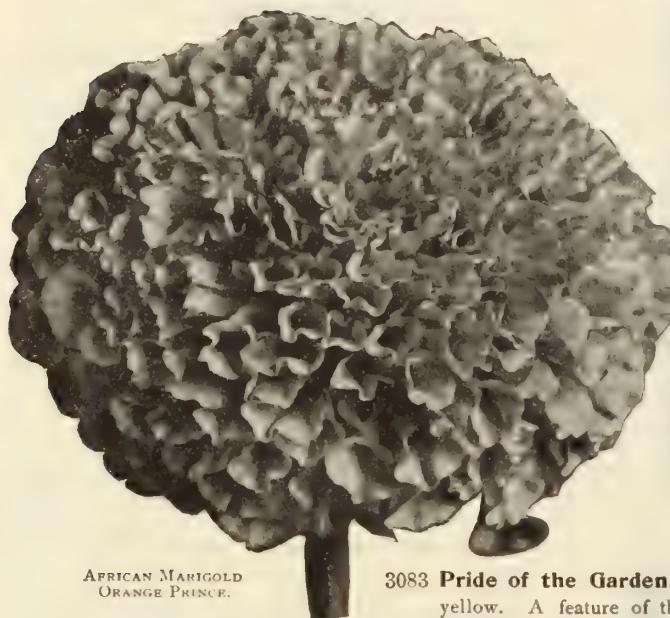
LYTHRUM.

(Loose-strife.)

3071 **Roseum Superbum.** A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September. $\frac{1}{4}$ oz., 40 cts..... 10



LUPINUS POLYPHYLLUS (Hardy Lupine).

AFRICAN MARIGOLD
ORANGE PRINCE.

3083 **Pride of the Garden.** Immense flowers, densely double. Color golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. $\frac{1}{4}$ oz., 40 cts..... 10

Marvel of Peru, or Four O'Clocks. (*Mirabilis Jalapa*.)

3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. (See cut.) Oz., 15 cts..... 5

MATRICARIA.

3121 **Capensis Alba Plena** (*Double White Feverfew*). Free-flowering plants, producing all season fine double, white flowers. A fine bedding or pot plant; 18 inches. 10

MATTHIOLA.

3125 **Bicornis** (*Evening-scented Stock*). This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. $\frac{1}{4}$ oz., 15 cts..... 5



FRENCH MARIGOLD LEGION D'HONNEUR.

MARIGOLD.

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders, the latter are dwarfer in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts in combination with a few blue Larkspurs or Corn-flowers is very striking.

(See also *Calendula* and *Tagetes*.)

AFRICAN VARIETIES.

	PER PKT.
3084 Orange Prince. A high-bred type, bearing densely double flowers of a rich deep golden-orange color; veryshowy; $\frac{1}{4}$ oz., 50 cts. 15	
3085 Lemon Queen. Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. $\frac{1}{4}$ oz., 50 cts. 15	
3083 Pride of the Garden. Immense flowers, densely double. Color golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. $\frac{1}{4}$ oz., 40 cts..... 10	
3081 El Dorado. Flowers very large, imbricated and extremely double. Colors in all shades of yellow. Per $\frac{1}{4}$ oz., 25 cts..... 5	
3090 Large African. Double, orange and lemon, mixed; 2 to 3 feet. Per $\frac{1}{4}$ oz., 20 cts..... 5	
3088 Imported Collection of double African, 6 varieties. 25	

FRENCH VARIETIES.

	PER PKT.
3091 Gold Striped. Very double, deep, brownish-red, striped golden-yellow; 1 foot. $\frac{1}{4}$ oz., 25 cts..... 10	
3100 Dwarf French. Fine colors, mixed, very double; 1 foot. Per $\frac{1}{4}$ oz., 20 cts..... 5	
3092 Legion d'Honneur ("Little Brownie"). A single-flowering Marigold, forming compact bunches 9 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. $\frac{1}{4}$ oz., 20 cts..... 5	
3098 Imported Collection of Double French Marigolds; 6 varieties..... 25	

MAURANDIA.

3130 **Barclayana.** Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet; mixed colors, including purple, blue, white and rose..... 10

MESEMBRY-ANTHEMUM.

2831 **Crystallinum** (*Ice Plant*). Dwarf trailing annual plants. Flowers white; prized for its singular icy foliage. $\frac{1}{4}$ oz., 15 cts... 5



MARVEL OF PERU.

MIGNONETTE (*Reseda*).

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

PER PKT.

3152 **Defiance.** When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10
 3153 **Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. $\frac{1}{4}$ oz., 25 cts. 10
 3155 **Miles' Hybrid Spiral.** Of strong, branching habit, with spikes from 8 to 10 inches long; very fragrant. Per oz., 25 cts. 5
 3156 **Improved Red Victoria.** Fine spikes of bright red. A most useful and desirable variety. $\frac{1}{4}$ oz., 25 cts. 10
 3157 **Large-flowering Pyramidal.** Flowers large, of a reddish tint. A good variety for the open ground. $\frac{1}{4}$ oz., 20 cts. 5
 3158 **Machet.** Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. $\frac{1}{4}$ oz., 25 cts. 10
 3159 **Goliath.** Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. $\frac{1}{4}$ oz., 50 cts. 15
 3161 **Parson's White.** Large spikes, pure white, very fragrant. $\frac{1}{4}$ oz., 20 cts. 5
 3162 **Salmon Queen.** Strong, robust habit, with fine spikes of bright, salmon-red flowers, intensely fragrant; fine for outdoor culture. $\frac{1}{4}$ oz., 25 cts. 10
 3163 **Sweet-Scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly-scented. Per oz., 15 cts. 5
 3169 **Collection** of above 10 varieties of Mignonette. 60



DEFIANCE MIGNONETTE.



MOMORDICA CHARANTIA (Balsam Pear).

MIMOSA (*Sensitive or Humble Plant*).

PER PKT.

3181 **Pudica.** Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet. 5

MIMULUS.

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.
 3192 **Tigrinus** (*Monkey Flower*). Fine mixed, spotted varieties. 10
 3191 **Moschatus** (*Musk Plant*). Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage. 10

MINA.

3202 **Sanguinea.** A beautiful and rapid-growing climber, producing innumerable brilliant blood-red flowers. $\frac{1}{4}$ oz., 15 cts. 5

MOMORDICA.

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warty, and when ripe opens, showing the seed and its brilliant carmine interior, fine for trellises, rock-work, stumps, etc.; annuals; 10 feet.

3211 **Balsamina** (*Balsam Apple*). Round, apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. Oz., 30 cts. 5
 3212 **Charantia** (*Balsam Pear*). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. (See cut.) Oz., 30 cts. 5

MUSA ENSETE (*Abyssinian Banana*).

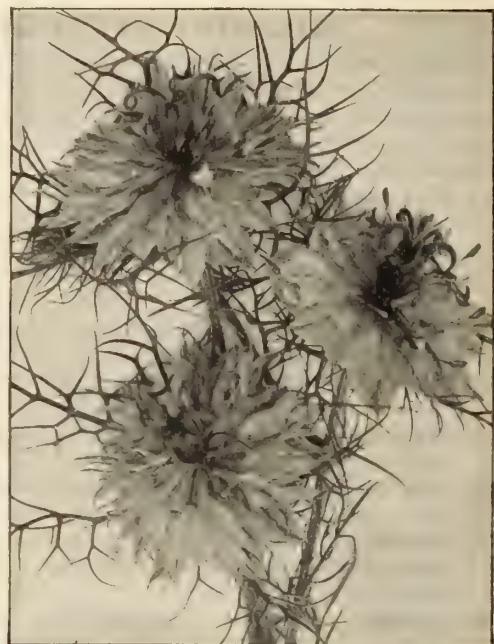
3221 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hotbed or bottom heat in greenhouse. Tender perennial; 10 to 20 feet. 15 cts. per pkt. of 5 seeds; 25 seeds for 50 cts.

MYOSOTIS (Forget-Me-Not).

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

PER PKT.

3231	Alpestris Royal Blue.	Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. Per $\frac{1}{8}$ oz., 40 cts. 15
3233	Alpestris Robusta Grandiflora.	Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. Per $\frac{1}{8}$ oz., 25 cts. 10
3234	Alpestris Stricta Grandiflora.	Symmetrical, upright, pillar-shaped plants, about 10 inches high, covered from base to summit with lovely light blue flowers. Per $\frac{1}{8}$ oz., 25 cts. 10
3235	Alpestris Victoria.	A favorite sort, with fine heads of large, clear azure-blue flowers; plants bushy and compact; makes a fine edging or bed. Per $\frac{1}{8}$ oz., 30 cts. 10
3239	Alpestris Mixed.	A mixture of blue, rose and white-flowered varieties. Per $\frac{1}{8}$ oz., 25 cts. 5
3236	Dissitiflora.	Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs. Per $\frac{1}{8}$ oz., 50 cts. 10
3237	Palustris.	The true Forget-Me-Not. Of strong, sturdy growth, with beautiful clear blue flowers. Per $\frac{1}{8}$ oz., 50 cts. 10
3238	Palustris Semperflorens.	An ever-blooming variety of the above, beginning in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. Per $\frac{1}{8}$ oz., 40 cts. 10



NIGELLA MISS JEKYLL.

NICOTIANA.

3411	Affinis (Tuberose-flowered Tobacco).	Delightfully sweet-scented; pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. $\frac{1}{8}$ oz., 20 cts. 5
3414	Sanderæ Hybrids.	A splendid type in a great variety of colors. 10
3413	Sylvestris.	Plants of pyramidal growth, 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens. 10



(Love in a Mist, or Devil in the Bush).

PER PKT.

3430	Damascena.	A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. Oz., 25 cts. 5
3431	Miss Jekyll.	A lovely variety with cornflower-blue blossoms, splendid for cutting. (See cut.) $\frac{1}{8}$ oz., 25 cts. 10



NICOTIANA AFFINIS.

Lobb's Climbing Nasturtiums.

(Tropaeolum Lobbianum).

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

3251	Asa Gray.	Pale primrose yellow, almost white.
3246	Black Prince.	Velvety purplish-crimson, dark foliage.
3252	Brilliant.	Geranium scarlet. Fine.
3247	Cardinal.	Intense deep scarlet, dark foliage.
3253	Crown Prince of Prussia.	Deep ruby-garnet.
3254	Giant of Battles.	Sulphur-yellow, blotched red.
3248	Golden Queen.	Pure golden-orange.
3257	Princess Victoria Louise.	Creamy white, with fine, conspicuous ruby-rose blotches.
3261	Regina.	Brilliant salmon-red on opening, changing as they age to almost a cream color.
3255	Roi des Noirs (King of the Blacks).	Deep velvety garnet; very rich, dark foliage.
3262	Rudolf Virchow.	Fine carmine rose.
3256	Spitfire.	Brilliant orange-vermilion.
Price: Any of the above, 5 cts. per pkt.; 20 cts. per oz., 50 cts. per $\frac{1}{8}$ lb.		
3259	Collection of a packet each of above 12 varieties, 50 cts.	
3269	Collection of 1 oz. each of above 12 varieties, \$1.50.	
3260	Finest Mixed. Lobb's. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{8}$ lb.; \$1.25 per lb.	

DREER'S SUPERB NASTURTIUMS.

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

TOM THUMB, DWARF OR BEDDING VARIETIES.

3336 Chameleon. Various colors on one plant.	3353 Pearl. Creamy white.
3338 Crystal Palace Gem. Sulphur, maroon blotches.	3354 Prince Henry. Cream, spotted and tipped red.
3341 Empress of India. Fiery crimson, dark foliage.	3355 Regelianum. Deep, purplish-crimson.
3343 Golden King. Rich, golden yellow.	3361 Rose. Soft carmine rose.
3346 King Theodore. Deep crimson maroon, dark foliage.	3365 Spotted. Golden yellow, spotted garnet.
3347 King of Tom Thumbs. Dark scarlet, dark leaves.	3367 Vesuvius. Salmony rose, dark foliage.

Price. Any of the above Dwarf sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.

3370 Finest Mixed. Tom Thumb varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

3379 Dreer's Collection of a liberal packet each of the 12 above dwarf varieties. 50 cts.

3369 Dreer's Collection of 1 oz. each of the 12 above dwarf varieties. \$1.25.

3380 Liliput or Miniature. This is a dwarf, compact form of *T. Lobbianum*. It forms small, dense bushes, which are fairly hidden by flowers, the colors of which are very varied, many being new and beautiful shades. Per pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

3381 Queen of Tom Thumbs. Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

3386 Geranium-leaved. A comparatively new and very novel sort with heavy rich green Geranium-like leaves. Flowers rich scarlet. Per pkt., 10 cts.; oz., 30 cts.

3390 Dwarf Ivy-leaved. Makes pretty, compact plants, excellent for beds, borders, boxes, etc. Mixed colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

TALL, OR CLIMBING VARIETIES.

(*Tropaeolum Majus*.)

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

3281 Chameleon: Different richly colored flowers on the same plant.

3283 Crimson. Rich and velvety.

3287 King Theodore. Deep crimson maroon; dark foliage.

3294 Orange. Pure orange; no markings.

3296 Pearl. Creamy white.

3297 Prince Henry. Cream, spotted and tipped scarlet.

3298 Purple. Rich shade of purplish crimson.

3301 Rose. A lovely shade of ruby rose.

3303 Scarlet. Glowing vermillion.

3302 Schulzi. Rich, deep scarlet.

3307 Vesuvius. Salmony rose; an exquisite shade.

3311 Spotted. Rich yellow, spotted garnet.

Price. Any of the above Tall sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.

3320 Finest Mixed. Tall or climbing varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

3329 Dreer's Collection of a packet each of 12 above climbing sorts, 50 cts.

3319 Dreer's Collection of 1 ounce each of 12 above climbing sorts, \$1.25.

3270 Hybrids of Madame Gunter. This fine strain contains many novel colors, such as odd shades of salmon-pink, rose, reds, yellows, etc. Strong growers and very free-flowering. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.

3321 Queen of Talls. Similar to the regular tall Nasturtium, but with variegated leaves; flowers of various colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

3330 Tall Ivy-leaved. Of strong, vigorous growth; a very attractive vine. Mixed colors. Per pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.



DREER'S SUPERB NASTURTIUMS.

Dreer's Perfect Pansies.



TYPICAL
FLOWER.
DREER'S
ROYAL
EXHIBITION
PANSY.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

PANSIES IN MIXTURE.

	PER PKT.
3510 Dreer's Royal Exhibition. This strain comprises a beautiful collection of colors and markings and is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, \$1.00; of 5000 seeds, \$2.00; regular packet 50	
3514 Dreer's Premium. This mixture comprises a large number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. $\frac{1}{2}$ oz., 75 cts. 25	
3516 Masterpiece (Frilled Pansy). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. $\frac{1}{2}$ oz., \$1.00 25	

GIANT TRIMARDEAU PANSIES.

Very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.
3488 Giant Adonis. Soft lavender blue 10
3495 Giant Emperor William. Rich deep blue 10
3496 Giant Fire King. Mahogany and gold 10
3490 Giant Freya. Rich wine color, edged white 10
3489 Giant Golden Queen. Pure, rich yellow 10
3491 Giant Prince Henry. Rich royal blue 10

3499 Collection, containing a packet each of above 12 grand sorts, \$1.00.

3500 Finest Mixed. All colors of the Giant Trimardeau. 10 cts. per pkt.; 50 cts. per $\frac{1}{2}$ oz.; \$1.50 per oz.

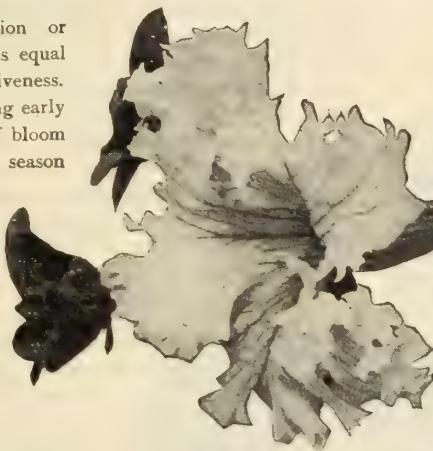
BEDDING PANSIES IN SEPARATE COLORS.

The varieties offered below, while not so large-flowering as the Giants, are somewhat free-flowering, and on this account are much used for bedding where <i>effect</i> is wanted.
3452 Emperor William. Brilliant ultramarine blue.... 10
3453 Faust (King of the Blacks). Almost black.... 10
3454 Cardinal. The nearest approach to a bright red.... 10
3456 Kaiser Frederick. Velvety brownish-red, edged red and yellow; very rich.... 10
3463 Lord Beaconsfield. Deep purple violet, shading to white on the upper petals; very effective.... 10
3466 Mahogany Colored. Rich and velvety 10
3471 Peacock. Upper petals ultramarine blue, lower deep claret, with white margins..... 10
3472 Psyche. Five velvety violet blotches, relieved by a broad margin of white; petals beautifully ruffled.... 10
3475 Snow Queen (Candidissima). Satiny white.... 10
3483 White, with dark eye 10
3485 Golden Yellow, with dark eye..... 10
3486 Yellow Gem. Pure yellow, without eye..... 10
3508 Collection, 6 distinct varieties, our selection..... 40
3509 Collection, 12 " " " " 75

PETUNIAS.

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization.

tion and hybridization. We have tested samples received from the leading Petunia specialists of the world, and can safely say without fear of contradiction that **our strain is the best that can be secured from any source at any price.**



DREER'S SUPERB SINGLE-FRINGED PETUNIAS.

Double Large-flowering Petunias.

NOTE.—It is well known that seed saved from the most careful hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers of best colorings. It is best to sow Petunias in doors and transplant to the open in May. The Single Bedding kinds can be sown right out of doors in May.

	PER PKT.
3590 Dreer's Superb Double-fringed. Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut.) Per 500 seeds, \$1.25.....	50
3587 Double Large-flowering. Beautiful varieties in mixture. Not our own saving, but the best that money can buy from other sources. Per 500 seeds, 75 cts.....	25
3589 Imported Collection of Double-fringed. 6 varieties.....	75



DREER'S SUPERB DOUBLE-FRINGED PETUNIA.

Single Large-flowering Petunias.

PER PKT.

3580 Dreer's Superb Large-flowering Fringed.	
Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed. (See cut.)	25
3576 Giant of California. Flowers very large, in great variety of colors and markings, with deep yellow throats.....	25
3577 Ruffled Giant. Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled.....	25
3578 Fringed Ruffled Giant. This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower.....	35
3579 Imported Collection of 6 fringed varieties.	50

SINGLE-BEDDING PETUNIAS.

3564 Howard's Star.	A beautiful free-flowering strain, color crimson-maroon with a clearly-defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. $\frac{1}{8}$ oz., 50 cts.....	15
3566 Rosy Morn.	Soft carmine-pink with white throat; makes a very dainty and at the same time effective border. $\frac{1}{8}$ oz., 50 cts.....	15
3565 Brilliant.	Beautiful and effective compact variety; flowers brilliant carmine pink. $\frac{1}{8}$ oz., 50 cts.....	15
3561 Dwarf Inimitable.	"Star Petunia," compact growing variety; flowers cherry-red with a white centre. $\frac{1}{8}$ oz., 30 cts.....	10
3562 Snowball.	A fine compact sort, producing its pure satiny-white flowers throughout the entire season. $\frac{1}{8}$ oz., 40 cts.....	10
3563 Pure White.	Desirable for cemetery beds or where large masses of white are wanted; grows 12 to 15 inches high. Where a more compact sort is wanted we recommend "Snowball." $\frac{1}{8}$ oz., 30 cts.....	10
3567 Striped and Blotched.	A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing. $\frac{1}{8}$ oz., 30 cts..	10
3570 Fine Mixed.	Good bright colors. $\frac{1}{8}$ oz., 25 cts.....	5



DREER'S SELECT LARGE-FLOWERING PHLOX DRUMMONDI.

LARGE-FLOWERING DWARF.

(Phlox Drummondi.)

A type combining the size of the individual flower and head of the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc., etc.; 8 inches.

PER PKT.

3643	Brilliant Rose.	$\frac{1}{2}$ oz., 50 cts.	15
3644	Fiery Scarlet.	$\frac{1}{2}$ oz., 50 cts.	15
3645	Pure White.	$\frac{1}{2}$ oz., 50 cts.	15
3650	Finest Mixed Colors.	$\frac{1}{2}$ oz., 40 cts.	10

STAR PHLOX (P. Cuspidata).

3640 Of dwarf habit, with very pretty star-shaped flowers.
A novel variety; mixed colors. $\frac{1}{2}$ oz., 30 cts. 10

HARDY PERENNIAL PHLOX.

(P. Decussata.)

3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondi offered above, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. The seed we send out has been saved from our own unrivalled collection and is supplied in mixture only. $\frac{1}{2}$ oz., 50 cts. 10

**PLANTS OF
HARDY PERENNIAL PHLOX.**

We are the largest growers of these plants in this country, and our collection contains every variety worth having. For list, descriptions and prices see pages 218 to 221.

PHLOX DRUMMONDI.

The annual Phlox is a native of Texas, where it is called "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc., but it is when grown in masses, in beds or borders, that they show to best advantage.

PER PKT.

3600	Phlox Drummondi, Mixed Colors.	Flowers not so large as the grandiflora type offered below, but just as free-flowering and effective.	5
		$\frac{1}{2}$ oz., 20 cts.; oz., 50 cts.	

Select Large-flowering Varieties.

(Phlox Drummondi, Grandiflora.)

This is the finest type, having the largest heads of bloom, as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

3601	Snow White.	$\frac{1}{2}$ oz., 40 cts.	10
3602	Shell Pink.	$\frac{1}{2}$ oz., 40 cts.	10
3603	Deep Rose.	$\frac{1}{2}$ oz., 40 cts.	10
3604	Bright Scarlet.	$\frac{1}{2}$ oz., 40 cts.	10
3605	Rich Crimson.	$\frac{1}{2}$ oz., 40 cts.	10
3606	Primrose.	$\frac{1}{2}$ oz., 40 cts.	10
3607	Soft Lilac.	$\frac{1}{2}$ oz., 40 cts.	10
3619	Collection	of a packet each of the above 7 colors.	50
3620	Choicest Mixed, Large-flowering.	Contains all of the colors noted above as well as a great many others and makes a very showy bed or border. $\frac{1}{2}$ oz., 25 cts.; oz., 75 cts.	10

DOUBLE PHLOX.

3638 Especially desirable for cut flowers, lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colors. $\frac{1}{2}$ oz., 50 cts. 10



LARGE FLOWERING DWARF PHLOX DRUMMONDI.

PENTSTEMON (Beard Tongue).

Highly useful and attractive perennials, and much used in the hardy border.

3532 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. (See cut.) 2 pkts., 25 cts. 15
 3533 **Barbatus Torreyii.** Spikes of brilliant coral red; very effective; June to August; 3 to 4 feet. 10
 3540 **Mixed.** A great variety of kinds and colors. 5

PLATYCODON (Balloon Flower, or Japanese Bellflower).

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.)

3663 **Grandiflorum.** Large steel-blue flowers. $\frac{1}{4}$ oz., 25 cts. 5
 3664 — **Album.** Pure white variety. $\frac{1}{4}$ oz., 25 cts. 5
 3662 **Mariesi.** Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. $\frac{1}{4}$ oz., 25 cts. 5
 3661 **Japonicus Fl. Pl. (Double Japanese Bell Flower).** Large, glossy, deep blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkt., 25 cts. 15



PLATYCODON.



PLATYCODON GRANDIFLORUM.

RELIABLE FLOWER SEEDS

PER PKT.



PENTSTEMON SENSATION.

PHYSOSTEGIA.

(False Dragon Head.) PER PKT.

3651 **Virginica.** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. 10

POLYANTHUS (Primula Elatior).

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

3677 **Invincible Giant.** Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 5 pkts., \$1.00. 25
 3676 **Gold-laced.** Very showy and attractive flowers with narrow edge of gold. 15
 3680 **English Mixed.** A fine grade; all colors. $\frac{1}{8}$ oz., 30 cts. 10

PUERARIA THUNBERGIANA.

(Japanese Kudzu Vine.)

3835 To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. $\frac{1}{4}$ oz., 25 cts. 10

POPPIES.



DREER'S SELECT SHIRLEY POPPIES.

PER PKT.

3689 **Charles Darwin.** Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. $\frac{1}{4}$ oz., 25 cts. 10

3688 **Dainty Lady.** Immense flowers, 4 to 5 inches across, of a charming mottled shade of rosy mauve, with a large dark metallic blotch at the base of each petal. $\frac{1}{4}$ oz., 25 cts. 10

3691 **Danebrog, or Danish Cross.** Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts. 5

3692 **English Scarlet.** The scarlet field Poppy. oz., 40 cts. 5

3703 **King Edward.** A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2½ feet high, and produces its very large flowers with great freedom. $\frac{1}{4}$ oz., 25 cts. 10

3695 **Tulip Poppy (*Papaver Glaucum*).** One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 feet. Per $\frac{1}{4}$ oz., 25 cts. 10

3697 **The Bride.** A beautiful, large, pure white. Per oz., 25 cts. 5

3699 **Virginia.** Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut. Per $\frac{1}{4}$ oz., 40 cts. 10

3710 **Single Mixed.** Annual sorts. Oz., 20 cts. 5

3709 **Imported Collection** of 6 single varieties. 25

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite awhile.

SINGLE ANNUAL POPPIES.

PER PKT.

3696 **Dreer's Select Shirley.** This is an extra fine strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Oz., 50 cts. 10

3687 **Admiral.** A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking contrast, and when planted in groups produce a magnificent effect. $\frac{1}{4}$ oz., 25 cts. 10



DANE BROG, OR DANISH CROSS POPPY.



DOUBLE ANNUAL POPPIES.

The same culture as given at the top of the preceding page should be followed in the case of the double flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and borders.

PER PKT.

3711	American Flag. Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Per oz., 30 cts.	5
3712	Fairy Blush. Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 25 cts.	5
3713	Golden Gate. Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts.	5
3714	"Mikado" (<i>The Striped Japanese Poppy</i>). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 25 cts.	5
3715	White Swan. Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 25 cts.	5
3716	Cardinal. A splendid dwarf variety of the carnation-flowered type, growing about 2 feet high and bearing large-globular, fringed flowers of an intense cardinal red. Per oz., 30 cts.	5
3717	Shell-pink. Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois pink. Very dainty. Per oz., 25 cts.	5



DOUBLE PÆONY-FLOWERED POPPIES.

PER PKT.

3720	Carnation Flowered. Splendid double-fringed flowers, mixed colors. (See cut.) Per oz., 20 cts.	5
3730	Pæony Flowered. Large, showy, double globular flowers, resembling a double Pæony, mixed colors. (See cut.) Per oz., 20 cts.	5
3719	Imported Collection of 8 varieties. Double Carnation flowered.	30
3729	Imported Collection of 8 varieties. Double Pæony flowered.	30

ICELAND POPPIES.

(Papaver nudicaule.)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

3733	Bright Yellow	10
3734	Pure White	10
3736	Orange Scarlet	10
3740	Finest Mixed. All colors. $\frac{1}{2}$ oz., 25 cts.	10
3735	New Hybrid Iceland. The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmony rose, some of which are very striking.	15



DOUBLE CARNATION-FLOWERED POPPIES.

HARDY PERENNIAL POPPIES.

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July or August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

3731 **Bracteatum.** Immense orange-scarlet flowers, very similar to the Oriental Poppy. $\frac{1}{4}$ oz., 20 cts 5
 3747 **Oriente (The Large Oriental Poppy).** A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal; exceedingly showy. $\frac{1}{4}$ oz., 25 cts 10

LARGE HYBRID ORIENTAL POPPIES.

We offer four of the best and most distinct sorts. Seedlings are liable to vary somewhat in color.

3748 **Mammoth.** Glowing scarlet; very large 15
 3744 **Princess Victoria Louise.** Salmon pink 15
 3745 **Psyche.** Delicate rosy blush 15
 3746 **Trilby.** Brilliant red. 15
 A packet each of the 4 sorts, 50 cts.
 3750 **Mixed Hybrids.** Saved from a large number of named sorts. $\frac{1}{4}$ oz., 50 cts. 15



SINGLE PORTULACA.



DOUBLE PORTULACAS.



ORIENTAL POPPY.

ICELAND POPPIES.

This charming class of hardy Poppies is offered on preceding page.

PORTULACA.

(Sun Plant).

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil, and luxuriating in an exposed sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work, and frequently used to sow broadcast over sunny banks, etc.; in any case it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed; 6 inches.

PER PKT.

3764 **Single Rose.** $\frac{1}{4}$ oz., 20 cts 5
 3765 " **Scarlet.** $\frac{1}{4}$ oz., 20 cts 5
 3766 " **White.** $\frac{1}{4}$ oz., 20 cts 5
 3767 " **Yellow.** $\frac{1}{4}$ oz., 20 cts 5
 3770 " **Mixed.** All colors. Per oz., 40 cts 5
 3769 **Imported Collection** of 8 single varieties 25
 3760 **Double Mixed.** A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. $\frac{1}{4}$ oz., 50 cts 10
 3759 **Imported Collection** of 8 double varieties 50

HARDY PRIMROSES.

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

1500 **Auricula.** A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches 15
 3825 **Japonica (Japanese Primrose).** Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors 15
 3830 **Vulgaris (English Primrose).** Canary-yellow, fragrant. $\frac{1}{4}$ oz., 50 cts 10

See also *Cowslip* and *Polyanthus*.



LARGE-FLOWERING CHINESE PRIMROSE.

PRIMULA (Primrose).

The charming and beautiful Chinese Fringed Primroses and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May. The hardy varieties offered on opposite page are also deserving of wide cultivation.

PRIMULA OBCONICA.

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest-flowering, but lack the very large individual blooms of the newer Gigantea type.

	PER PKT.
3811 Obconica Gigantea Kermesina. Rich crimson.	25
3812 — — Rosea. Pure rose color.	25
3815 — — Mixed. All colors.	20
3816 — — Grandiflora Alba. Pure white.	20
3817 — — Kermesina. Bright crimson.	20
3819 — — Appleblossom. Soft pink.	20
3818 — — Rosea. Beautiful clear rose.	20
3820 — — Mixed. All colors.	10
3810 — — Crispa. A charming variation, having the petals wavy or fluted, color a delicate tender rose.	25
3823 Forbesi (<i>Baby Primrose.</i>) This is the freest-flowering primula we know of. The little plants throw up tiny flower stalks when only a few weeks old. These should be pinched off and the plants kept growing until October, and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in profusion.	25
3824 Kewensis. This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant.	25
3826 Malacoides. A fine house plant, somewhat like <i>P. Forbesi</i> , but larger in all its parts; flowers delicate lilac.	25
3827 — — Alba. A new white-flowering form.	25

Fringed Chinese Primroses.

	PER PKT.
3782 Alba Magnifica. A magnificent pure white.	25
3783 Covent Garden Red. A fine rosy-red.	25
3785 Covent Garden White. A very free-flowering pure white.	25
3787 Rosy Morn. Beautiful delicate pink.	50
3784 Holborn Blue. Unique shade.	50
3790 Stellata. A very pretty form with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes.	25
3800 Dreer's Choicest Mixed. This mixture contains nothing but the finest-fringed large-flowering sorts, and cannot fail to give entire satisfaction.	25

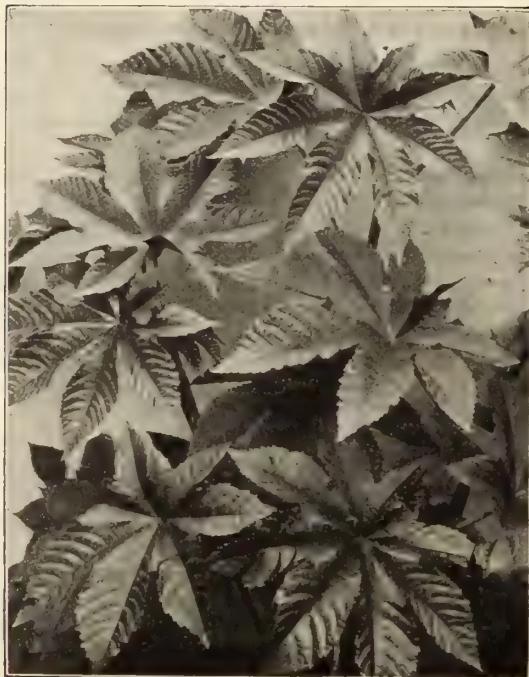
PYRETHRUM.

P. aureum is the well-known Golden Feather so much used for edging, carpet-bedding, etc., while the others are most attractive hardy plants.

3841 Aureum (<i>Golden Feather</i>). Yellow foliage. Per $\frac{1}{4}$ oz., 20 cts.	5
3846 Hybridum. Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centres; blooms in May and June and again in the fall, and is one of the most graceful and long-lasting cut flowers. These are nicely illustrated in connection with our offer of the plants, see page 201; 2 feet. Per $\frac{1}{4}$ oz., 50 cts.	10
3847 Hybridum Grandiflorum. A large-flowering form of the above, mixed colors. Per $\frac{1}{4}$ oz., 75 cts.	15
3845 Hybridum Fl. Pl. Large double flowers, resembling a China Aster, only more refined; mixed colors; 1½ feet.	25
3851 Uliginosum Stellata (<i>Giant Daisy</i>). A beautiful new type of this fine hardy perennial. For description see Novelties and Specialties, pages 50 to 59. 2 pkts., 25 cts.	15



PYRETHRUM HYBRIDUM.



RICINUS ZANZIBARIENSIS (Castor Oil Bean).

RICINUS (Castor Oil Bean)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.

PER PKT.
3861 **Borboniensis.** Green foliage; 15 feet. Per oz., 15 cts. 5

3863 **Gibsoni.** Deep red foliage; 5 feet. Per oz., 15 cts. 5

3862 **Cambodgiensis.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups; 5 feet. Per oz., 20 cts. 5

3865 **Sanguineus.** Blood-red stalks and clusters of red fruit; 8 feet. Per oz., 15 cts. 5

3870 **Zanzibariensis.** A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked. (See cut.) Per oz., 20 cts. 5

3880 **Mixed.** All sorts. Per oz., 15 cts. 5

3879 **Imported Collection** of 8 distinct varieties 30

RHODANTHE (Swan River Everlasting).

3860 A charming annual; succeeds in a light rich soil and a warm, sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot 5

ROSMARINUS (Rosemary).

3895 **Officinalis.** An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about two feet high, should be planted in a warm, dry situation, and given a little protection. $\frac{1}{2}$ oz., 15 cts. 5

RUDBECKIA.

(Cone Flower.)

PER PKT.

3901 **Bicolor Superba.** Fine free-flowering annual variety, growing about 2 feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety brown spots at the base; very effective and useful for cutting. (See cut.) 10

3906 **Fulgora.** An effective hardy perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. 10

3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone; a showy flower. 15

3903 **Purpurea** (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy, reddish-purple flowers; about 4 inches across, with a remarkably large cone-shaped centre of brown; thickly set with golden tips in spiral lines. $\frac{1}{4}$ oz., 30 cts. 10

SAPONARIA (Bouncing Bet).

3940 **Vaccaria.** A pretty and useful annual variety, grows about 2 feet high and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts. 5



RHODANTHE.

SCARLET RUNNER BEANS.

3595 **Scarlet Runners.** A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. Per pint, 30 cts., postpaid. 5



RUDBECKIA BICOLOR SUPERBA.

**SALPIGLOSSIS** (Painted Tongue).

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost. The seed we offer is a select large-flowering strain. (See cut.)

PER PKT.

3912 Crimson	10
3913 Primrose	10
3914 Purple and Gold	10
3915 Rose and Gold	10
3916 Scarlet and Gold	10
3917 White and Gold	10
3919 Collection of a packet each of the above 6 sorts..	50
3920 Finest Mixed. All colors. $\frac{1}{4}$ oz., 40 cts.	10
3921 Emperor. This variety forms only one leading stem, and bears on its summit veritable bouquet of the most beautiful flowers, each one richly veined with gold. $\frac{1}{4}$ oz., 50 cts.	10

HARDY SALVIAS.

3928 Aurea Grandiflora. A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 2 to 3 feet.	10
3929 Farinacea. A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooming from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 feet.	10



SALVIA SPLENDENS (SCARLET SAGE).



SALPIGLOSSIS IMPROVED LARGE-FLOWERING.

SALVIA SPLENDENS (Scarlet Sage).

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; seed should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May.

PER PKT.

3935 Splendens (Scarlet Sage). Beautiful bright scarlet; 3 feet. $\frac{1}{4}$ oz., 40 cts.	5
3932 "Bonfire." This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Per $\frac{1}{4}$ oz., 75 cts.	10
3933 "Burning Bush." This variety forms strong, sturdy bushes $2\frac{1}{2}$ feet high, and bears the finest individual spikes of flowers of all, many of them being over 18 inches in length; color intensely rich scarlet; decidedly one of the best. $\frac{1}{4}$ oz., 75 cts.	10
3934 Ball of Fire. A compact type and popular for beds and borders requiring a variety of dwarfer habit than the regular Scarlet Sage or the variety "Bonfire." Per $\frac{1}{8}$ oz., 60 cts.	15
3937 Zurich. A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort. $\frac{1}{8}$ oz., 75 cts.	20
3931 Patens (Blue Sage). In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet	25



IMPROVED LARGE-FLOWERING SCABIOSA.

SCABIOSA.

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.)

Firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about $2\frac{1}{2}$ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer six colors as under:

IMPROVED LARGE-FLOWERING.

	PER PKT.
3943 Azure Fairy. Lavender blue	10
3952 King of the Blacks. Black-purple	10
3944 Crimson	5
3951 Flesh Pink	5
3959 Collection of a packet each of the 6 colors	30
3960 Mixed. All colors of the Improved Large-flowering. Per $\frac{1}{2}$ oz., 20 cts.; per oz., 50 cts.	5

HARDY PERENNIAL SORTS.

3941 <i>Caucasica</i> (Blue Bonnet). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. $\frac{1}{2}$ oz., 40 cts.	10
3942 <i>Japonica</i> . A variety from Japan, forming bushy plants, $2\frac{1}{2}$ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower.	10

SANVITALIA.

PER PKT.

3938 **Procumbens** Fl. Pl. An annual of dwarf, compact growth, useful in masses in beds or edges of borders, or in vases, baskets, etc. Showy bright yellow double flowers, in bloom all summer. (See cut.) 10

SCHIZANTHUS (Butterfly or Fringe Flower).

This is one of the手里est and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

3967 **Dwarf Large-flowered.** A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color, $\frac{1}{2}$ oz., 40 cts. 15

3968 **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. $\frac{1}{8}$ oz., 40 cts. 20

3970 **Mixed.** A splendid mixture of the regular type. $\frac{1}{2}$ oz., 25 cts. 5



SANVITALIA PROCUMBENS.



SCHIZANTHUS DWARF LARGE-FLOWERED.

STOCKS (Gilliflower).

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. Our supply is grown for us by a specialist, and rarely produces less than 90 per cent. of double flowering plants.

IMPROVED LARGE-FLOWERING 10-WEEK STOCKS.

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types.

	PER PKT.	PER 1 KT.
4011 Blood-red	10	10
4013 Light Blue	10	10
4014 Bright Pink	10	10
4020 Mixed . Double large-flowering. $\frac{1}{8}$ oz., 50 cts.....		5
4018 Collection . A packet each of above 6 colors.....		50
4027 Snowflake . A dwarf 10-week variety with large double snow-white flowers; fine for pot culture.....		15

CUT-AND-COME-AGAIN 10-WEEK STOCKS.

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers.

4031 Princess Alice . White. 15	4034 Sapphire . Dark blue. 15
4032 La France . Rose. 15	4035 Creole . Creamy yellow. 15
4033 Brilliant . Blood-red. 15	4036 MayQueen . Delicate lilac. 15
4040 Finest Mixed . All colors. $\frac{1}{8}$ oz., 75 cts.....	10
4039 Collection of a packet each of the six colors.....	60

MAMMOTH-FLOWERING BEAUTY STOCKS.

A magnificent recently developed strain of early flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers; they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months, for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from midsummer till frost.

	PER PKT.
4043 Beauty of Nice . Delicate flesh-pink.....	15
4044 Crimson King . Rich blood crimson.....	15
4045 Mont Blanc . Purest white.....	15
4046 Flonte Carlo . Canary yellow.....	15
4041 Queen Alexandra . Soft rosy-lilac.....	15
4047 Summer Night . Rich deep blue.....	15
4049 Collection of the 6 colors.....	60
4050 Choicest Mixed . All colors.....	10



STOCKS CUT-AND-COME-AGAIN.

SMILAX (*Myrsiphyllum Asparagoides*).

PER PKT.

3981 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. $\frac{1}{4}$ oz., 25 cts. 10

SOLANUM.

3991 **Capsicastrum** (*Jerusalem Cherry*). This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot. 10

3992 — **Fra Diavalo**. A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright scarlet fruits remain on the plant a long time and make it a beautiful decorative pot plant through the winter months. 15

STATICE (Sea Lavender).

4000 Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. Mixed varieties. 10

STEVIA

4001 **Serrata**. Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. 10

STOKESIA (Cornflower Aster).

4051 **Cyanea**. This is not new, but is a rare and beautiful hardy perennial, and was shown in colors on the cover of our 1903 catalogue. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border and indispensable for cutting. (See cut.) $\frac{1}{4}$ oz., 30 cts. 10

4052 **Cyanea alba**. A pure white-flowering form, identical to the popular blue variety in every way except color. $\frac{1}{4}$ oz., 40 cts. 10



STOKESIA (CORNFLOWER ASTER).



STANDARD SWEET PEA, DOROTHY ECKFORD.

During dry weather they should be watered thoroughly and frequently and given an application of liquid manure once a week. A mulch of hay or rakings from the awn will be found beneficial during hot weather. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing in bloom.

White-seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed will rot in the ground. With few exceptions, Sweet Peas are black-seeded, and these do not appear to be affected like the white-seeded sorts.

DREER'S MIXTURES OF SWEET PEAS.

All of the mixtures offered below have been made up by ourselves out of the finest named varieties, insuring a satisfactory result in color, and must not be confounded with cheap grades, which are harvested in mixture and always contain a large proportion of dull and undesirable colors.

4260 Dreer's Orchid-flowered Mixed. Read what we say about this type on page 109. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up of named sorts only and it would be impossible to get anything of higher quality. 10 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.; \$2.00 per lb.

4252 Dreer's "Peerless" Mixture. This mixture contains nothing but the finest large-flowering standard varieties in such quantities as to produce best color effect. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

4270 Cupid, Dwarf or Bedding Mixed. These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.; \$1.50 per lb.

DREER'S SELECT SWEET PEAS.

There are hundreds of both Orchid-flowered and Standard varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list; but we think it best to confine our offers to such sorts as are really first-class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. We also offer the very latest introductions, which are fully described on pages 58 and 59.

How to Grow Sweet Peas.

The soil for Sweet Peas should be rich and deep. A good rich loam, with pretty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Soils that are at all heavy are best dug in the autumn, and during the winter months a good dressing of hardwood ashes or air-slaked lime should be given it. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends on the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about six inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground, thin out to two to four inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least four feet high, and five feet would be better. It is just as well to do the staking at the time of sowing.

It is just as well to do the staking at the time of sowing.

MIXTURES OF SEPARATE SHADES.

It is undeniable that a bunch of Sweet Peas of pink or white or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have prepared the following mixtures out of the finest named standard sorts:

4254 Pink Shades. Light to deep pink.

4255 Red Shades. Bright rose to dark scarlet.

4256 Lavender and Blue Shades. Lavender to heliotrope.

4257 Purple and Maroon Shades. All the dark colors.

4258 White and Primrose Shades. All the delicate tints.

Price, any of the above, 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.

4269 Collection of one ounce each of the 5 shades, 60 cts.

DREER'S SUPERB Orchid-flowered Sweet Peas.

The old-fashioned or standard varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All of the sorts offered below have been thoroughly tested and are just as easy to grow as the standard varieties. For the latest introductions see pages 58 and 59.

4062 **Apple Blossom Spencer.** Rose and blush-pink.
 4065 **Asta Ohn.** Soft lavender tinged with mauve.
 4064 **Aurora Spencer.** Striped and flaked salmon-rose on a white ground; very large, bold flower.
 4071 **Black Knight Spencer.** Large, rich, deep maroon.
 4074 **Blanche Ferry Spencer.** Identical in color to the popular pink and white Blanche Ferry; immense wavy flowers.
 4086 **Countess Spencer.** A lovely soft rosy-pink, shading deeper at the edges, the original of this type.
 4106 **Florence Nightingale.** The largest and finest pure lavender.
 4107 **Florence Morse Spencer.** Delicate blush with pink margin; a charmingly beautiful flower of very large size.
 4108 **Flora Norton Spencer.** Clear azure-blue.
 4112 **Frank Dolby.** A fine large pale lavender-blue.
 4117 **George Herbert.** Bright rose-carmine; very showy.
 4120 **Gladys Unwin.** Charming pale rose-pink.
 4125 **Helen Lewis (Orange Countess).** Brilliant crimson-orange; wings orange-rose.
 4153 **King Edward Spencer.** Bright crimson-scarlet.
 4181 **Mrs. Routhahn Spencer.** Soft chamois-pink, a beautiful shade, and charming as a cut-flower.
 4182 **Mrs. Walter Wright Spencer.** A beautiful shade of deep mauve.
 4185 **Mrs. Hugh Dickson.** Beautiful salmon-pink on a cream ground; extra fine.
 4186 **Nora Unwin.** A superb pure white.
 4198 **Primrose Spencer.** The finest primrose-yellow.
 4204 **Prince of Wales Spencer (Marie Corelli).** A brilliant rosy-red of exceptional large size.
 4211 **Queen Alexandra Spencer.** One of the finest yet introduced. In color a rich bright scarlet; flowers of largest size.
 4236 **Thomas Stevenson.** Brilliant orange-scarlet, the most striking color of all.
 4242 **White Spencer.** A pure wavy white of enormous size and splendid substance; long, strong stems.
Price. Any of the above, 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.
 4239 **Collection of a packet each of the entire 23 varieties offered above** \$1.50

For Collections of "New" and "Best" Orchid-flowered Sweet Peas, see pages 58 and 59.

DREER'S SELECT STANDARD SWEET PEAS.

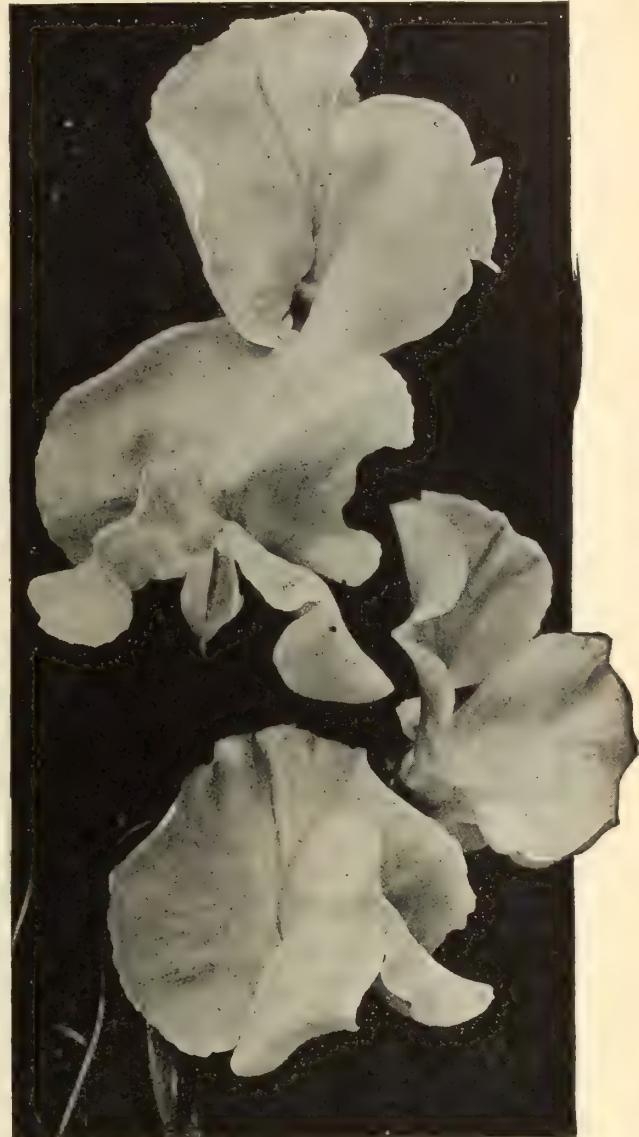
The following are the very choicest standard sorts—varieties that stand at the head of their respective color and that have the endorsement of the leading American and European specialists—and it would be impossible to select a similar list out of the vast number of standard sorts that would combine in the same degree all the qualities which go to make up first-class varieties.

4063 **Aurora.** Orange-rose, striped on a white ground.
 4070 **Black Knight.** Very deep maroon, shaded black.
 4073 **Blanche Ferry.** The popular pink and white.
 4090 **Dainty.** White, daintily edged with pink.
 4091 **Dorothy Eckford.** Magnificent pure white.
 4094 **Duke of Westminster.** Clear purple, tinted violet.
 4111 **Flora Norton.** The clearest bright blue.
 4126 **Helen Pierce.** White, veined and mottled bright blue.
 4133 **Hon. Mrs. E. Kenyon.** The finest primrose-yellow.
 4138 **Janet Scott.** A grand deep rich pink.
Price. Any of the above, 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.

4152 **King Edward VII.** The finest crimson-scarlet.
 4159 **Lady Grisel Hamilton.** A grand pale lavender.
 4165 **Lovely.** Soft shell-pink; a lovely shade.
 4167 **Lord Nelson.** The richest deep navy-blue.
 4173 **Miss Willmott.** Brilliant orange-pink; very large.
 4179 **Mrs. Walter Wright.** An exquisite shade of mauve.
 4201 **Prima Donna.** A magnificent pure pink.
 4203 **Prince of Wales.** The finest bright rose.
 4212 **Queen Alexandra.** Almost a pure scarlet.
 4234 **St. George.** Brilliant orange-scarlet.

4249 **Collection of a packet each** of the above 20 Select Standard Sweet Peas \$0 75
 4251 **Collection of one ounce each** of the above 20 Select Standard Sweet Peas 2 00

For Collection of Twelve Finest Standard Sweet Peas see page 59.



SPRAY OF ORCHID-FLOWERED SWEET PEAS.



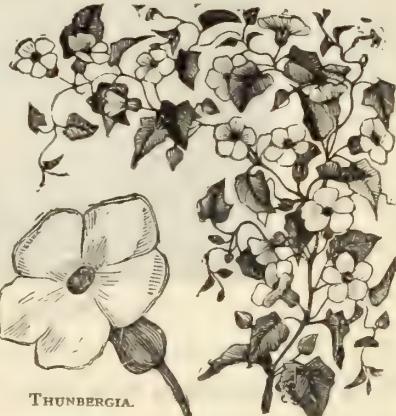
DOUBLE AND SINGLE SWEET WILLIAM.

SWEET ROCKET

(Hesperis).

PER PKT.

4278 Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 30 cts. 5



THUNBERGIA.

TAGETES.

4301 **Signata Pumila.** A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden yellow; a first-class border plant; illustrated on page opposite. $\frac{1}{2}$ oz., 25 cts. 5

THUNBERGIA.

(Black-eyed Susan.)

4310 Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) $\frac{1}{2}$ oz., 25 cts. 5

TORENIA.

4322 **Fournieri.** A very fine annual; a splendid plant for vases, hanging-basket, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre. 10

SWEET WILLIAM (Dianthus Barbatus).

(London Tufts.)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

	PER PKT.	PER PKT.
4288 Single White.....	5	4286 Single Velvet Maroon. 5
4283 — Crimson.....	5	4284 — Red, on white ground. 5
4285 — Scarlet.....	5	4287 — Violet, on white ground. 5
4289 Collection of a packet each of the above six colors.....		25
4292 Single Mixed. All colors. Per oz., 40 cts.....		5

4282 **Newport Pink.** A distinct new color which originated in one of the famous gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 2 pkts., 25 cts..... 15

4281 **Scarlet Beauty.** A very effective rich, deep scarlet variety. 2 pkts., 25 cts..... 15

4291 **Holborn Glory.** This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. $\frac{1}{4}$ oz., 25 cts..... 10

4297 **Double Mixed.** All colors. $\frac{1}{4}$ oz., 30 cts. 10

4296 **Giant Double.** A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. $\frac{1}{4}$ oz., 50 cts..... 15

2342 **Everblooming Hybrid (Dianthus latifolius atrocoeruleus Fl. Pl.).** A variety which blooms the first season from seed. Color intense crimson-scarlet; a really fine hardy plant of very easy culture. Per $\frac{1}{4}$ oz., 50 cts. 10



SWEET ROCKET.

TRITOMA.

(Red-hot Poker, Flame Flower, or Torch Lily.)

PER PKT.

4330 **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting. 2 pkts., 25 cts. 15

TUNICA.

4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border; blooms the first season 10

VALERIANA (Valerian).

4340 **Rubra Mixed.** Showy, hardy border plants, producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. $\frac{1}{4}$ oz., 15 cts. 5

VINCA (Madagascar Periwinkle, or Old Maid).

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hot-bed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 2 feet. (See cut.)

4381 **Rosea.** Rose, dark eye. 10
4382 — **Alba.** White, crimson eye. 10
4383 — **Alba Pura.** Pure white. 10
4390 — **Mixed** All the colors.
 $\frac{1}{4}$ oz., 30 cts. 5



DREER'S MAMMOTH VERBENAS.

DREER'S MAMMOTH VERBENAS.

TAGETES SIGNATA PUMILA.
(Offered on opposite page.)

ters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease. (See cut.)

4351 **Pink** 10 | 4354 **Striped** 10
4352 **Purple** 10 | 4355 **White** 10
4353 **Scarlet** 10 | 4356 **Blue** 10
4360 **Dreer's Mammoth Mixed.** $\frac{1}{4}$ oz., 50 cts. 10
4359 **Collection** of Mammoth Verbenas, 6 colors. 50
4361 **Hybrida, Fine Mixed.** All colors of the older sorts.
 $\frac{1}{4}$ oz., 25 cts. 5

VARIOUS VERBENAS.

4366 **Lemon Verbena (Aloysia Citriodora).** Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower. 10

4365 **Erinoides (Moss Verbena).** This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries, it is highly desirable. 10

4367 **Venosa (Hardy Garden Verbena).** This variety is largely used for bedding purposes. It is a strong, thrifty grower, about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. $\frac{1}{4}$ oz., 25 cts. 5



VINCAS.

VIOLAS, OR TUFTED PANSIES.

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to Pansies where *effect* is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.

	PER PKT.
4406 Admirabilis. New hybrids, which contain all the varied and brilliant colorings of the best grade of blotched Pansies.....	10
4401 Papilio (Butterfly Violet). Lovely violet-lilac, with small, dark eye	10
4402 Lutea Splendens. Rich golden yellow.....	10
4403 Blue Perfection. Deep purplish blue.....	10
4405 White Perfection. A fine pure white.....	10
4404 Thuringia. Deep violet and light blue with white eye; very effective	15
4410 Mixed. A splendid mixture of the best varieties. $\frac{1}{2}$ oz., 50 cts.....	10



VISCARIA.

VISCARIA.

Very free-blooming annuals, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

4412 Cardinalis. Brilliant cardinal crimson; very bright and effective	10
4413 Mixed. Containing about six different colors, some with dark eyes.	5

WILD GARDEN FLOWER SEEDS.

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

4550 Dwarf Sorts. Growing from 12 to 18 inches high. 25 cts. per oz.....	10
4560 Tall Sorts. Growing from 18 to 36 inches high. 25 cts. per oz.....	10



XERANTHEMUMS.

XERANTHEMUM.

(Everlasting or Immortelle.)



SINGLE WALLFLOWER.

4433 Annum. One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors. (See cut.)	10
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WALLFLOWER.

Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

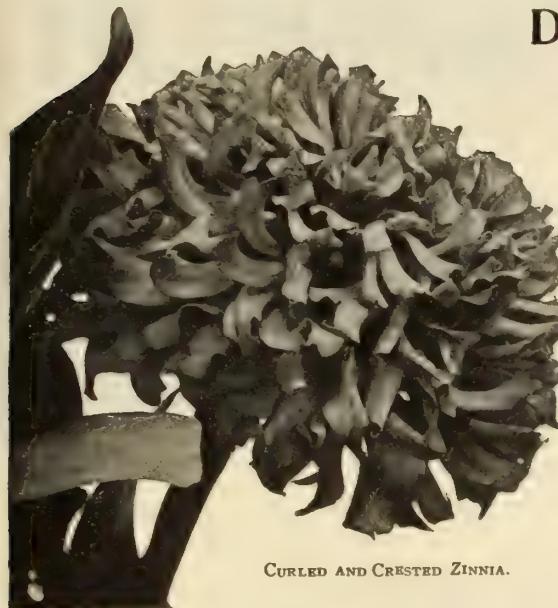
	PER PKT.
4415 Paris Extra Early. A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring. $\frac{1}{2}$ oz., 25 cts.....	10
4414 Goliath. A splendid single variety; flowers of a rich, shining red, with a black velvety sheen..	10
4420 Single Mixed. All colors. $\frac{1}{2}$ oz., 15 cts.....	5
4430 Double Finest Mixed	10
4429 Imported Collection of Double Wallflower, 6 varieties.....	50
4419 Imported Collection of Single Wallflower, 6 varieties.....	40

WATER LILY SEEDS.

We annually save a quantity of these at our aquatic gardens, Riverton, N. J., and offer a selection of the same on page 256.



VIOLAS.



CURLLED AND CRESTED ZINNIA.

4440 **Curlled and Crested.** The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10

4481 **Haageana Perfection.** A very dwarf variety, bearing small double flowers of unusual colorings; makes a beautiful border. 2 pkts., 25 cts. 15

4485 **Red Riding-Hood.** This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective. $\frac{1}{4}$ oz., 25 cts. 10

4490 **Single Mixed.** For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. $\frac{1}{4}$ oz., 20 cts. 5

4500 **Tall Double.** The old-fashioned tall-growing variety; 3 feet; mixed colors. Per oz., 30 cts. 5

4510 **Zebra.** A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. $\frac{1}{4}$ oz., 25 cts. 10

PER PKT.

	PER	PER
	$\frac{1}{4}$ OZ.	PKT.
4442 Flesh-pink.	25	5
4445 Dark Scarlet.	25	5
4441 Canary.	25	5
4444 Orange.	25	5
4447 Bright Scarlet.	25	5
4457 White.	25	5
4446 Salmon Rose.	30	10
4459 Collection of a packet each of the above 7 sorts, 30 cts.		
4460 Finest Mixed.	50	5

Double Fringed. A new type, which has much to recommend it. The petals of the perfectly formed double flowers are more or less deeply cut or fringed, giving them a rather more graceful appearance than the usual form. The plants are of compact habit, about 30 inches high, and have all the free-flowering merits of the family. We offer three distinct colors, viz.:

4465 Fringed White.	10	A packet each of the
4463 — Deep Carmine.	10	
4464 — Bright Rose.	10	
4470 Mixed —All colors.	25	cts. 10

PLANT DEPARTMENT



ENTRANCE TO OUR RIVERVIEW NURSERY, RIVERTON, N. J.

It generally conceded that we have the most modern and best-equipped general Plant Nurseries in the world today. The offerings of the various departments will be found in this catalogue as under—

	PAGES		PAGES
Garden and Greenhouse Plants	115 to 165	Hardy Climbing Plants	244 to 248
Roses	166 to 185	Small Fruits	249 to 251
Hardy Perennial Plants	186 to 232	Vegetable Plants and Roots	251
Hardy Shrubs	233 to 243	Water Lilies and Aquatics	252 to 260

The attention of our customers is respectfully called to the following notes regarding the filling and forwarding of orders for Plants, Roots and Bulbs:

TIME OF SHIPMENT.—All orders, unless instructed to the contrary, are executed and forwarded on receipt. Customers placing orders for stock to be reserved and sent later must distinctly specify this at the time of ordering.

HOW WE SHIP.—All Plants, Roots and Bulbs are forwarded by express, purchaser paying charges, which are now very reasonable. For those of our customers who live at a distance from an express office, making it more convenient for them to receive their goods by parcel post, we will be pleased to forward in this manner such plants, etc., as can be sent in this way at the following additional cost to cover postage, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points East of the Mississippi River, 10 per cent. extra.

“ “ “ West “ “ “ 20 “ “ “

Heavy Plants, such as Azaleas, Camellias, Shrubs, Tree Roses, as well as the larger sizes of Palms, and other ornamental foliage and flowering plants, cannot be sent by mail.

We strongly recommend our customers to have all their orders forwarded by express, as our experience shows that this method is not only quicker and safer, but also cheaper than parcel post, except on small packages.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant towards the centre of the bed.

Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.	Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.
3 feet	28	7				12 feet	452	113	50	28	18
4 “	48	12	6			13 “	528	132	59	33	22
5 “	80	20	8			14 “	612	153	68	39	25
6 “	112	28	13	7		15 “	704	176	78	44	28
7 “	152	38	17	9		16 “	804	201	89	50	32
8 “	200	50	23	12		17 “	904	226	100	57	36
9 “	256	64	28	16		18 “	1016	254	113	63	40
10 “	320	80	36	20	13	19 “	1132	283	126	71	46
11 “	380	95	42	24	16	20 “	1256	314	139	78	50

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter.

Garden and Greenhouse PLANTS AND BULBS.

Please read what we say regarding filling and forwarding of Plant Orders on opposite page.

ABUTILONS.

Desirable free-flowering plants for the window garden or for bedding in summer.

Boule de Neige. A free-flowering pure white.

Golden Fleece. A splendid large, pure yellow.

Savitzia. Foliage green and white; extensively used for bedding.

Splendens. Bright red, veined with crimson.
10 cts. each; \$1.00 per doz.

ACACIA.

Armata. A most desirable house plant, succeeding under the same conditions as an Azalea or Camellia; the bright canary-yellow, globular flowers are produced in March and April; very effective. 75 cts. each.

ACALYPHA.

Macafeana. A splendidly variegated bedding plant, with crimson and bronze mottled foliage. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

ACANTHUS.

Montanus. An attractive and interesting plant, and a most desirable subject for the warm conservatory or greenhouse. The 12 to 15-inch long leaves are deeply and irregularly lobed, and are of a dark olive-green, marbled with lively yellowish-green, the midrib being brighter. The inflorescence is stately, consisting of a long spike of rosy-white flowers with purple veined bracts. 50 cts. each.

ACHYRANTHES.

Acuminata. Bronzy-purple foliage.

Brilliantissima. Foliage rich crimson.

Emersoni. Narrow, deep red foliage.

10 cts. each; \$1.00 per doz.; \$8.00 per 100.

ÆSCHYNANTHUS.

Grandiflora. A pretty trailing or basket plant for the window or conservatory, bearing attractive orange-scarlet flowers. 25 cts. each.



AGAPANTHUS UMBELLATUS.

AGAPANTHUS.

Umbellatus (Blue Lily of the Nile). A splendid ornamental plant, bearing clusters of bright blue flowers on 3-foot long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza.

-- **Alba.** A white-flowering variety.

-- **Mooreanus.** Of dwarf habit, growing only about 2 feet high: flowers dark blue, not quite so large as the type, but produced more freely.

25 cts. each; \$2.50 per doz.

AGERATUM (Floss Flower).

One of the best of bedding plants; always in bloom.

Inimitable. Bright lavender-blue; very large.

Mont Blanc. Large-flowered white.

Princess Pauline. Blue, white centre.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

AGLAONEMA.

Costatum. A dwarf-growing Aroid, suitable for the conservatory or window garden. Very compact, heart-shaped leaves of dark, shining green, with white midrib and scattering blotches of white. 50 cts. each; \$5.00 per doz.

ALLAMANDA.

Hendersoni. A strong-growing variety, well suited for growing on the pillars or supports of a conservatory, or for training on a trellis; large golden-yellow flowers. 35 cts. each; \$3.50 per doz.

Williamsii. This handsome variety is entirely distinct from all others, being quite dwarf and forming a compact bush with trusses of bloom at every point. The flowers are 3 inches in diameter, of a very rich, yet delicate, tint of yellow, deliciously scented; a fine plant for the window garden or conservatory. 35 cts. each; \$3.50 per doz.



AGLAONEMA
Costatum.



DREER'S
AMERICAN HYBRID
AMARYLLIS.

ALOCASIAS.

Beautiful subjects of the warm conservatory, with showy, ornamental foliage; invaluable as exhibition plants.

Argyrea. Foliage deep green with silvery-white ribs and veins. \$1.50 each.

Macrohiza Variegata. Bright green foliage, irregularly blotched, mottled and variegated with ivory-white; very showy. 50 cts. each.

Sanderiana. Deeply-lobed leaves of a glossy dark green with metallic reflections and prominent white margins and veins; a handsome and scarce plant. \$3.00 each.

ALOYSIA (Lemon Verbena).

Citriodora. Well-known popular, fragrant favorite. 10 cts. each; \$1.00 per doz.

ALPINIA.

Sanderæ. A handsome new species from New Guinea of this useful class of stove plants, with erect stems and short-stalked, glabrous leaves, of a rich shining green, regularly striped at close intervals with broad white bands diverging from the midrib to the margin. 75 cts. each.

ALTERNANTHERA.

Bright foliaged plants of dwarf habit, much used for carpet bedding.

Aurea Nana. Bright yellow foliage.

Brilliantissima. Dwarf growing, bright red foliage.

Jewel. A new large-leaved bright crimson.

Rosea Nana. Dwarf; rosy-crimson foliage.

Versicolor. Olive, crimson and chocolate.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

AMARYLLIS (Hippeastrum).

The Amaryllis is pre-eminently a window-garden plant for the amateur, producing under the simplest conditions one, two, or even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms, which last long in good condition. For full cultural directions see our new book, "Dreer's Hints on the Growing of Bulbs." Price, 50 cts. Copies free to customers who ask for it when ordering.

Dreer's American Hybrids. In offering this selection of seedlings we believe that they are the best obtainable at the present time, and we know of nothing that we can recommend that will give the amateur greater pleasure for his window garden. They have been grown from seed which has been produced by crossing the finest named varieties obtained from the most noted specialists, the cream of their collections, and the resulting strain embodies, with vigorous growth, free-flowering habit and enormous size of the

individual flowers, a really wonderful range of colors, varying from deep crimson to bright orange-scarlet, and from light rose to almost pure white, many of them beautiful combinations in stripes and variations. Mixed varieties only in very strong bulbs, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Aulica Platypetala (*Lily of the Palace*). Immense flowers of crimson, tipped green. 75 cts. each; \$7.50 per doz.

Empress of India. Very large flowers of vivid scarlet with white stripes. 75 cts. each.

Formosissima (*Jacobæan Lily*). Brilliant crimson, free and early. 15 cts. each; \$1.50 per doz.

Johnsonii. Very large flowers of a rich crimson-scarlet color, striped with white. 35 cts. each; \$3.50 per doz.

R. H. James. Magnificent flowers of well-expanded form, rarely under 6 inches across; in color a dazzling scarlet, relieved by a white band and featherings in the throat, which intensifies the brilliancy of the scarlet. \$1.00 each.

Solandriiflora Conspicua. Striped white, green and rose. 75 cts. each.

Williamsi. Rich scarlet with white markings. 50 cts. each.

Vittata Hybrids. Beautiful striped, flaked and feathered varieties; grown for us by a European specialist. 50 cts. each.

One each of the above nine Amaryllis, a splendid collection, for \$4.00.

ALYSSUM (Sweet Alyssum).

Little Gem. The dwarf white variety so much used for edging. 75 cts. per doz.; \$6.00 per 100.

AMORPHOPHALLUS.

Rivieri. Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. This is soon followed by the massive tropical looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 30 cts. each; \$3.00 per doz.

ANANAS (Pineapple).

Sativus Variegatus (*Variegated Pineapple*). This is one of the most beautiful variegated foliage plants in cultivation, not only for the greenhouse or conservatory, but also as a plant for room decoration, for which purpose it is equal to the variegated forms of *Pandanus*, which it somewhat resembles in style of growth; the leaves are from 2 to 3 feet long, with a central band of bright green broadly margined with rich creamy-yellow, tinged with red towards the closely serrated edges. 4-inch pots, \$1.00 each; 5-inch pots, \$1.50 each.

ANTHERICUM.

Comosum (*Mandaianum*). A pretty variegated plant well adapted for use in hanging baskets, or as an edging for porch or window boxes, with graceful, 4 to 6 inch long, deep green foliage with a band of creamy yellow through the centre. 25 cts. each; \$2.50 per doz.

ANTHURIUMS (Flamingo Flower).

Pretty greenhouse plants that have many good qualities, not only as decorative plants, but as cut flowers. Their peculiar-shaped flowers of rich colorings frequently last on the plant from two to three months.

Andreaeanum Hybrids. A fine collection of seedlings, from which we can select the following colors, all in large size flowers—red, rose and crimson. \$1.00 and \$1.50 each.

Scherzerianum. Brilliant scarlet flowers. 50 cts. and \$1.00 each.

— **Majus.** Very large crimson-scarlet. \$1.50 each.

— **Mme. Dalliere.** Soft salmon-pink. \$1.00 each.

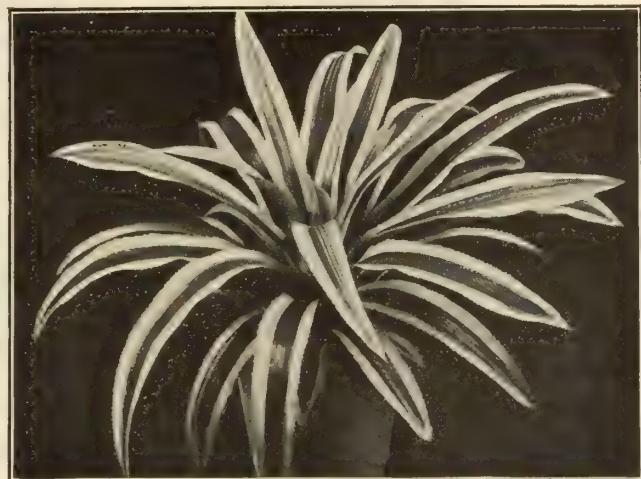
— **Rothschildianum.** White spotted with crimson. \$1.00 each.

Magnificum. Grown for its beautiful foliage, which is rich olive-green with silvery veins. \$1.00 each.

Regale. Large foliage, which when first opening is tinted with rose, changing to a dark metallic-green. \$1.00 each.

ANTIRRHINUM (Snapdragon).

Dreer's Large-flowering Half-dwarf. Popular plants for bedding and for cutting. We offer the six distinct colors offered and described on page 62. Ready in May. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



ANANAS (Variegated Pineapple).

ARALIA.

Handsome decorative foliage plants for the warm conservatory and for exhibition purposes.

Chabrierii. Long, narrow, deep-green foliage, with crimson-bronze midrib. \$1.00 each.

Elegantissima. Finely divided metallic-green foliage. \$1.00 each.

Kerchoveana. Foliage rather broad, margins undulated, of a deep, glossy green, relieved by a pale midrib. \$1.00 each.

Monstrosa. Large, bright green, deeply serrated foliage; the serrations frequently being of fantastic form, broadly margined with creamy-white, the surface blotched with grey. 50 cts. each.

Veitchii Gracillima. A handsome species, with narrow leaflets, having undulated edges of a dark green above and red underneath; a fine table plant. \$1.00 each.

ARAUCARIA (Norfolk Island Pine).

Excelsa (*Norfolk Island Pine*).

4-inch pots, 6 to 8 inches high.....	50 cts. each.
5 " 10 to 12 " "	75 cts. "
6 " 12 to 14 " "	\$1.00 "
6 " 14 to 16 " "	1.50 "
7 " 18 to 20 " "	2.00 "

Excelsa Glauca (*Glauca-leaved Norfolk Island Pine*).

5-inch pots, 8 to 10 inches high.....	\$1.00 each
6 " 12 to 15 " "	1.50 "

Robusta Compacta (*Compact Norfolk Island Pine*).

6-inch pots, 10 to 12 inches high.....	\$1.50 each
6 " 14 to 16 " "	2.00 "

ARDISIA CRENULATA.

A very ornamental greenhouse plant, with dark evergreen foliage producing clusters of brilliant red berries; a first-class house plant in winter. Thrifty young plants, 50 cts. each. Fine plants for this season's fruiting, \$1.00 and \$1.50 each.

ASCLEPIAS.

Lanceolata. A very dainty white-flowered form of Milkweed, growing about 18 inches high with light graceful foliage, in bloom from early in July until the end of the season; a most desirable plant for the mixed border, or if treated as a pot plant it will also flower a good part of the winter in a sunny window-garden. 15 cts. each; \$1.50 per doz.



ARALIA ELEGANTISSIMA.

ASPARAGUS.

Madagascariensis. An entirely distinct species which we are now offering for the first time. It makes a splendid shapely, ornamental plant from 10 to 12 inches high, with rich dark olive-green, glossy foliage, reminding one of a small-leaved Ruscus; an attractive plant for the conservatory or window garden, particularly so when it becomes well set with its large orange-scarlet berries, which appear quite freely at the tips of the many small branches. (See cut.) 25 cts. each; \$2.50 per doz.

Plumosus Nanus (Asparagus Fern). If there is a better plant for table decoration than this we do not know it. The foliage is more delicate than that of the finest Fern, being lace-like in its fineness. A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make the combination far superior, artistically, to most expensive decorations prepared for the table by the professional florist. Its value to the woman who takes pleasure in making her table attractive will, therefore, be readily understood. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.

Sprengeri (Emerald Feather). Excellent for hanging-baskets, for bracket use and for cutting. It is one of the best of all plants for the window-box when planted on the outside, where it can droop over the edge of the box. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.

SUPERB BRANCHING ASTERS.

This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum-like flowers from August to October. We can supply nice plants in May and June of the eight distinct colors offered on page 65. 60 cts. per doz.; \$4.00 per 100.



ASPARAGUS MADAGASCARIENSIS.

ASPIDISTRA.

The Aspidistra is the easiest of all decorative plants to grow well. Give it a loamy soil and plenty of water, and it will ask for nothing more.

For veranda decoration in summer it is unexcelled. In the hall, at any season of the year, it will attract more attention than almost any plant that can be grown there. It is never injured by insects. Those who have 'no luck' with other decorative plants ought by all means to try this. Simply keep it well watered and fertilized and it will grow for anyone.

Lurida. Green-leaved. 50 cts., 75 cts. and \$1.00 each.
Lurida Variegata. A pretty variegated form, the foliage being striped with white. 75 cts. and \$1.00 each.

AUCUBA.

Japonica. This is a plant deserving a great deal more attention than it receives. Its foliage is of the richest, glossiest green, thickly spotted with yellow. For hall decoration it is as attractive as any Palm. In summer it makes a most charming decoration for the veranda. Strong, bushy plants, 12 inches high, 50 cts. each; specimen plants, 1½ feet high, 75 cts. each; 2 feet high, \$1.50 each; 3 feet, \$4.00 each.

CHINESE AZALEAS.

These beautiful plants are deservedly popular for window and conservatory decorations. We offer all the desirable varieties and colors.

	EACH.	DOZ.
First size, 15 to 18 inches in diameter	\$2 00	\$20 00
Second size, 12 to 15 "	" 1 50	15 00
Third size, 10 to 12 "	" 75	7 50

BOUARDIA.

Humboldii Corymbiflora. A splendid late fall and early winter-flowering plant, producing clusters of Jasmine-like white flowers; a most valuable plant for the conservatory and window garden. Young plants, ready in April, 15 cts. each; \$1.50 per doz.

BOUGAINVILLEA.

Sanderiana. This beautiful free-flowering variety is very popular, especially as a plant for Easter. Its brilliant rosy-crimson blossoms are produced from early in March until midsummer; in fact, a plant will frequently flower the greater part of the year. 25 cts. each.



ASPIDISTRA LURIDA VARIEGATA.



FRILLED TUBEROUS BEGONIA.

DREER'S SUPERB TUBEROUS-ROOTED BEGONIAS.

This charming class of Begonias are perhaps the handsomest of all summer-flowering, tuberous-rooted plants, and deserve even greater popularity. Improvements made in recent years in size, texture and coloring are really phenomenal, with flowers measuring from 4 to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double-flowering sorts are perfect rosettes, full and double to the centre. Their culture is of the simplest, and, with the least regard for their requirements, will repay with an abundance and brilliancy of bloom not equalled by any other class of plants. Their culture is fully described in our new book "Dreer's Hints on the Growing of Bulbs," price 50 cts.; copies free to customers who ask for it when ordering.

SINGLE-FLOWERING TUBEROUS BEGONIAS.

We can supply these in the following colors, or in mixture, as under: **Scarlet, White, Pink, Crimson, Yellow and Orange.** 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Mixed. All colors. 8 cts. each; 75 cts. per doz.; \$5.00 per 100.

NEW FRILLED TUBEROUS BEGONIAS.

This strain, by careful selection, has been wonderfully improved, until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. We can supply in Red, White, Pink and Yellow. 20 cts. each; \$2.00 per doz.

TWO BRILLIANT TUBEROUS BEGONIAS.

The two varieties offered below are of strong but dwarf habit, throwing up numberless stems, of full, double flowers, about 1½ inches across; from early in July until cut down by severe frost. A continuous display of color, which, for richness and intensity, is unapproached.

Zeppelin. Intense pure vermilion-scarlet.
Lafayette. Brilliant crimson-scarlet.

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

DOUBLE-FLOWERING TUBEROUS BEGONIAS.

We can supply these in the following separate colors, also in mixture, as under:

Scarlet, Pink, White and Yellow. 20 cts. each; \$2.00 per doz.

Mixed. All colors. 15 cts. each; \$1.50 per doz.

NEW DOUBLE-FRINGED TUBEROUS BEGONIAS.

(*Begonia Hybrida Parrei*.)

These new double-fringed, tuberous-rooted Begonias are of large size, full, double form and brilliant colors, the edges of the petals deeply cut, or fringed, adding a most desirable character of lightness to the flowers. They are just as easy to grow as the ordinary tuberous-rooted sorts. We offer three distinct colors:

White, Rose and Scarlet. 30 cts. each; \$3.00 per doz.
One of each color for 75 cts.

FIBROUS-ROOTED BEGONIAS.

This class is entirely distinct from the tuberous-rooted sorts, and are among the freest-flowering pot plants for house or conservatory decoration, flowering continuously summer and winter.

Alba picta. Leaves glossy green, freely spotted with silvery-white; flowers white.

Argentea Guttata. Foliage of rich green, spotted with silver.

Corallina Lucerna. Gigantic trusses of bronzy-red flowers, in bloom continuously from April to November.

Metallica. Lustrous bronze-green foliage; veins depressed and dark red, rosy-white flowers.

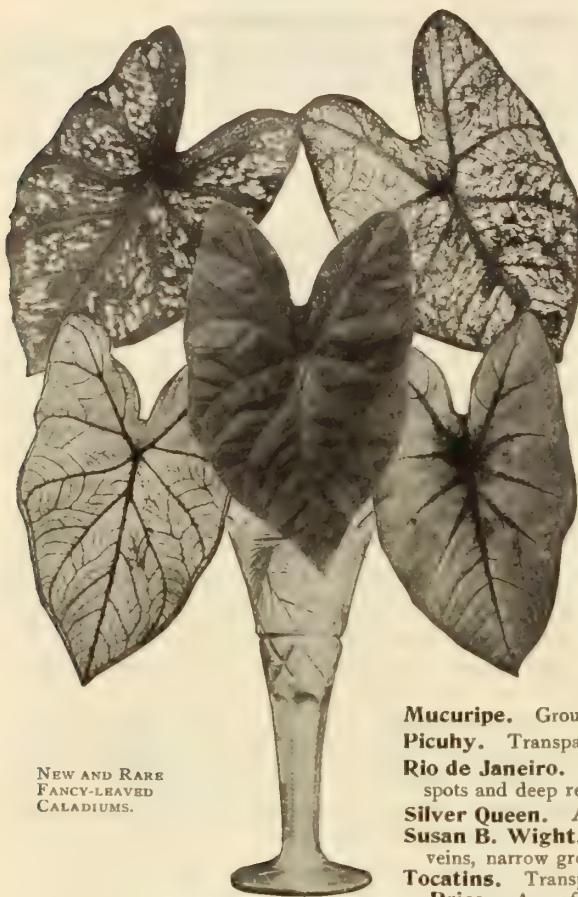
Rubra (*Coral Begonia*). Flowers scarlet-rose; glossy and wax-like.

Saundersoni. Scarlet flowers; in bloom continually.

Price, 15 cts. each; \$1.50 per doz. Set of 6 sorts for 75 cts.



BEGONIA CORALLINA LUCERNA.



NEW AND RARE
FANCY-LEAVED
CALADIUMS.

Fancy-leaved Caladiums.

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvellous beauty for the furnishing of the conservatory during the summer months, for window-boxes or even for outdoor bedding in shady or semi-shady positions. Their culture is fully described in our new book, "Dreer's Hints on the Growing of Bulbs." Price, 50 cents, or will be sent free to customers if asked for at time of ordering.

NEW AND RARE FANCY-LEAVED CALADIUMS.

The set of twelve varieties offered below is unquestionably the choicest collection of these beautiful foliage plants ever brought together, showing a delicacy of coloring and variegation which has never been surpassed.

Diogo Botelho. Foliage very large, deep red with cinnabar-colored ribs and yellow-green border.

Francis M. Laughlin. Transparent pink centre, dark zone and narrow green border.

John Peed. Rich, dazzling red centre and bright green border.

Marian A. MacAdow. Ground color silvery-green with bluish sheen, pink ribs and veins and few large, vivid red spots.

Melba. White ground with green ribs and red spots, distinct.

Mrs. Jessie M. Thayer. Pink ground with velvety-red ribs, exquisite.

Mucuripe. Ground color bright-rose, suffused and marbled with white and green.
Picuhy. Transparent white with metallic blue suffusion, distinct and beautiful.

Rio de Janeiro. One of the finest; a transparent rose with white veins, moss-green spots and deep red ribs.

Silver Queen. Almost pure white, having but faint green tracings.

Susan B. Wight. Rosy-carmine ground color, suffused violet, deep red ribs and veins, narrow green border; very distinct.

Tocatins. Transparent rose with green veins bordered with golden green.

Price. Any of the New and Rare sorts, 50 cents each; the set of 12 for \$5.00.

CHOICE STANDARD FANCY-LEAVED CALADIUMS.

Berose. Pink ribs on a metallic green ground.

Candidum. White ground with strongly marked green ribs.

Coacoochee. Red rays on a green and white mottled ground.

Dr. Vilhena. Transparent claret-colored centre with white zone and green border.

Hildegard Nehrling. Ground color creamy-white, ribs Indian-lake, marbled green, centre suffused mauve-rose.

Itapocu. Large red leaves with metallic reflexions.

Macahe. Large green leaves with vivid red ribs and large transparent white spots.

Sorocaba. Green ground, rose centre, with net-like white veins.

Wightii. Green ground profusely spotted red and white.

Price. Any of the choice standard varieties, 20 cts. each; the set of 12 sorts for \$2.00.

CALADIUM ESCULENTUM.

(Elephant's Ear.)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated; a very fine combination is formed by using the Purple Fountain Grass offered on page 162 as a border. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 6 to 10 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

	EACH	PER DOZ.	PER 100
Mammoth bulbs	25c	\$2.50	\$15.00
Large	"	15c	10.00
First size	"	10c	7.50
Second size	"	7c	5.00



CALADIUM ESCULENTUM (Elephant's Ear).

LARGE-FLOWERING CANNAS.

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a liberal amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter see planting table on page 114.

All have green foliage unless otherwise specified.

CANNA NOVELTIES FOR 1915.

Large-flowering Cannas are one of the subjects which are receiving close attention from noted specialists both in America and in Europe, and of the many new varieties offered every year we try out all that seem promising, and from these we select and offer only such that show special merit. In our trials in 1913 and 1914 we found meritorious sorts from various countries, and offer them in sets divided according to their nationality.

We have ourselves produced three sterling novelties at our Riverview Nursery, which we introduce as:

The Dreer Set of New Large-flowering Cannas for 1915.

Eureka. A number of meritorious white Cannas have been introduced during the past decade, but one fault common to all of them has been a lack of vigor. It is, therefore, a particularly satisfactory achievement to have produced a white Canna which is as strong and free a grower as the best varieties in the other colors. Eureka is also a free bloomer, and its great trusses of perfectly formed, creamy-white flowers stand nicely above the dense green foliage on stiff, upright stems. Its superior merits have been acknowledged by all who have seen it, and we unhesitatingly proclaim it the best white variety yet introduced; 4 feet.

Orange Bedder. This is a particularly useful and attractive bedding variety, of a bright orange with just enough scarlet suffusion to intensify the dazzling mass of color when the wide, branching stems are covered with flowers. A very free bloomer that we heartily recommend as a bedding variety of particular merit; 4 feet.

The Gem. This is an entirely distinct and very pretty variety of the spotted type. The immense trusses of flowers are borne on upright, branching stems well above the foliage. In color it is a deep cream or straw-yellow, dotted and spotted with pale carmine. A vigorous grower, free-flowering, producing a most refined effect; 4½ feet.

Price: Any of the above, 75 cts. each; \$7.50 per doz.; or the set of three varieties for \$2.00.

Five New American Cannas.

While European growers gave us the first modern Cannas, it must be credited to American skill and patience that the Canna has arrived at its present high state of perfection and has become so popular as a bedding plant.

We offer five sterling novelties, which have been thoroughly tested and found worthy.

Jane Adams. Color a deep rich yellow with a touch of red at the throat; a clean, vigorous grower of upright habit and very free-flowering; 4½ feet. 75 cts. each.

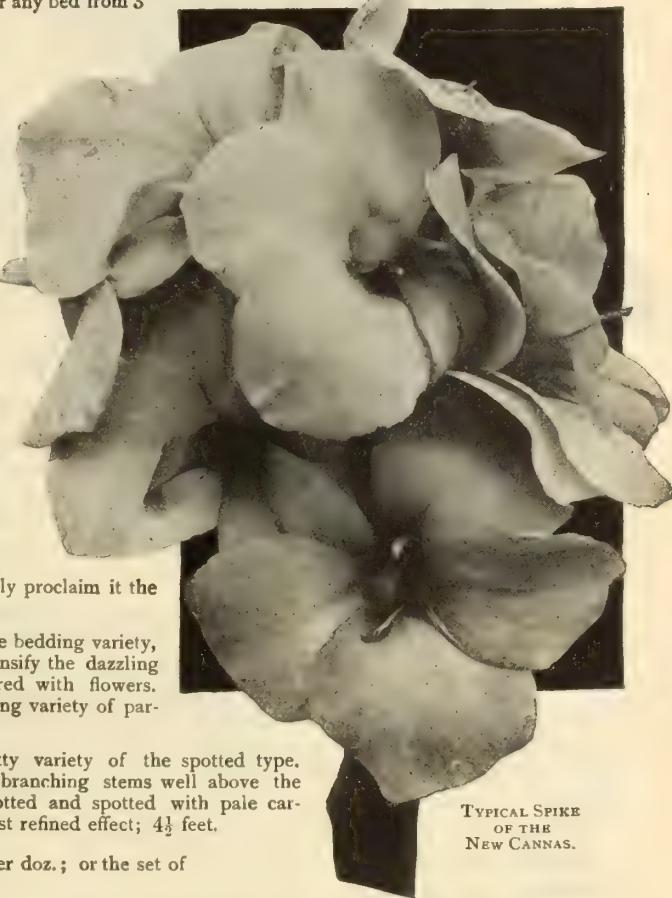
Loveliness. A bright ruby-carmine; the perfect florets are produced in very large heads, which are borne erect on stout stems; very free; 3 feet. 50 cts. each.

Mrs. Woodrow Wilson. A rich but soft crimson-pink, with very large flowers with broad, overlapping petals. A robust grower and free bloomer; 4 feet. \$1.00 each.

Panama. The color and markings of this splendid Canna are unusual; the rich orange-red face of the petals is bordered with a broad edge of golden-yellow; the florets are large and round and produced very freely; 3 feet. 50 cts. each.

Wintzer's Colossal. This is the largest-flowering Canna we have yet seen; individual florets often measure 8 inches across. The color is a bright scarlet. The plant is a strong, vigorous grower and very free-flowering; it is of the Italian or Orchid-flowered type and is an unusually striking novelty; 5 feet. 50 cts. each.

We will supply one each of the 5 New American Cannas for \$3.00.



TYPICAL SPIKE
OF THE
NEW CANNAS.

SIX NEW GERMAN CANNAS.

German horticulturists have in the past given us some marvellous Cannas. They have been particularly successful in producing free-flowering and effective garden varieties.

The six varieties described below are distinct and possess some marked feature which makes them desirable additions.

Fanal. An intense, fiery cinnabar-red that compels attention; foliage deep green with narrow brown border; flowers produced very freely throughout the season. The introducers claim this to be one of their best; 4 feet, 50 cts. each.

Goethe. This variety has during the past two seasons been one of the most conspicuous and attractive in our fields. It grows about 4½ feet high with massive, beautiful green foliage; the flowers are borne high above the plant in large, graceful trusses, and are of an effective, beautiful, bronzy-orange-yellow. 75 cts. each.

Graf M. Tolstoi. Immense trusses of brilliant scarlet flowers held well above the bronze foliage. One of the best, with bronze-colored leaves; 4 to 4½ feet. 50 cts. each.

Konigin der Gelben. A very free-flowering pale canary-yellow, with large trusses well above the foliage; 3½ to 4 feet. 50 cts. each.

Rheinstein. A very distinct, refreshing, clear, bright carmine in good compact trusses; 3 feet. 50 cts. each.

Terisa. A compact grower with massive dark green leaves and compact, shapely trusses of flowers of a bright fiery-red with golden throat and border; 3 feet. 50 cts. each. We will supply one each of the set of 6 German Novelties for \$2.50.

CANNAS

Continued.

LARGE-FLOWERING
CANNA.

TEN NEW FRENCH CANNAS.

The modern large-flowering Cannas originally were the achievement of French hybridizers. One of the first introductions to attract universal attention was Mme. Crozy, a beautiful variety which we still grow extensively, followed later by Souvenir de Antoine Crozy, Louis Reverchon, and many other beautiful sorts. The ten varieties now offered are all distinct and interesting.

Arc-en-ciel. Exceedingly floriferous, producing great quantities of rosy-salmon flowers. The color and form are unique and very attractive; 3 to 3½ feet. 50 cts. each.

Claude Montel. A very early, free-flowering variety with pale blood-red flowers with narrow golden margin; 3 to 3½ feet. 50 cts. each.

Faisan dore. A variety with pretty bronze foliage surrounded by apricot-carmine flowers with golden sheen; an unusual and striking color; 3½ feet. 50 cts. each.

Francis Bertie. An unusually pretty shade of carmine, flowers large, of perfect form, and freely produced; one of the most promising; 3 to 3½ feet. 50 cts. each.

Firebird (Oiseau de Feu). A remarkable novelty with perfectly formed flowers, 7 to 8 inches in diameter, of a brilliant cardinal-red; the foliage is of heavy, leathery texture; requires rich soil for best development; 4 feet. \$1.00 each.

Marcel Ricard. Very compact trusses of salmon-rose flowers which are carried well above the bronze foliage; 3 to 3½ feet. 50 cts. each.

Mlle. Gabrielle Miguel. Large, delicate pink flowers that are very attractive; 3 feet. 50 cts. each.

Nadir. Very vigorous growing, with large carmine-rose flowers, with bronzy foliage; 4½ feet. 50 cts. each.

Niemen. Pale creamy-yellow produced in large trusses well above the foliage; 3½ feet. 50 cts. each.

Prince de Galles. Very large flowers of good substance, of a clear cerise with rosy-carmine centre. 50 cts. each.

We will supply one each of the set of 10 French varieties for \$5.00.

FIVE NEW HUNGARIAN CANNAS.

We are indebted to Hungaria for the magnificent pink Canna "Hungaria," which is one of the most beautiful and refined in our collection. Koros and Maros, both important varieties, also came from this source. In the five varieties now offered there is a great variety of novel coloring and markings, and we feel confident they will be found interesting.

Czuczor. A dwarf, compact grower, producing large trusses of florets of a very delicate pink shade with cream-colored throat and border; 3 feet.

Meyerbeer. Very free-growing with large truss and individual flowers. The ground color is a pale yellow, dotted and splashed with pale carmine; 3½ feet.

Price. Any of the Hungarian varieties, 50 cts. each.

THE "DREER DOZEN" OF LARGE-FLOWERING CANNAS.

We recommend the varieties offered under this head as the "cream of the well-tried sorts," a selection which for freedom of bloom, habit of growth and wide range of distinct and desirable colors it would not be possible to duplicate.

General Merkel. One of the freest-flowering varieties; of a brilliant scarlet suffused with orange, the base and the edge of the petals are marbled with golden-yellow; 4 feet.

Gustav Gumpfer. This is the ideal rich yellow bedding Canna; the flowers of good size are held well above the foliage, the fine trusses always clean looking; in habit of growth very uniform; color a rich golden-yellow, a shade that has been missing heretofore. 3½ to 4 feet

Hungaria. The ideal pink bedding Canna; flowers large, in good sized trusses, produced early, freely and continuously, in color not unlike that of the Paul Neyron Rose. It possesses a softness and refinement not found in any other. 3 to 3½ feet.

Louis Reverchon. This was one of the best dark-leaved red-flowering varieties in our trials during the past three years. The flowers are very large, of a cochineal-red color. 4½ to 5 feet.

Maros. One of the best white-flowering Cannas. Its flowers of creamy-white are produced very freely; 3½ to 4 feet.

Meteor. A magnificent bedding variety, of strong, robust habit, with green foliage and enormous trusses of large, bright blood-red flowers freely produced well above the foliage; 5 ft.

Price. Any of the above 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Petofi. Creamy-white flowers with faint lilac dots, produced on vigorous, but dwarf, compact plants; the best white of European origin; 3 feet.

Rossini. Large rose-colored flowers with lilac reflex. The throat and the edges of the petals are golden-yellow, very pretty; 3½ feet.

Schopenhauer. Very free, but not heavy growth. The flowers are produced very freely, color a bright red with yellow throat; 3 feet.

One each to the set of 5 Hungarian varieties for \$2.00.

THE "DREER DOZEN" OF LARGE-FLOWERING CANNAS.

We recommend the varieties offered under this head as the "cream of the well-tried sorts," a selection which for freedom of bloom, habit of growth and wide range of distinct and desirable colors it would not be possible to duplicate.

Mrs. Alfred F. Conard. A most remarkable variety, with exquisite salmon-pink flowers of largest size in erect and abundantly-furnished heads, so freely produced as to keep a superb showing of bloom for months; 4 feet

Olympic. Rich oriental-red, shading lighter to the centre and dappled carmine. The individual flowers are largest size, and produced in immense large heads; 5 feet.

Splendor. A magnificent acquisition; florets of immense size in great spreading trusses; very floriferous; color a pleasing shade of salmon-scarlet; 3½ feet.

Uhlberg. Entirely distinct and one of the freest-flowering varieties we have ever grown. The flowers expand very full and are of a soft rosy-carmine; the throat of the flower is of a creamy-yellow and the edges of the petals, which are slightly crimped, are also pale yellow. 3 feet.

Wabash. Beautiful large carmine-rose flowers, freely produced; the bronze foliage, combined with the pink flowers, produces an unusual and pleasing effect; 4 feet.

William Bates. A splendid free-flowering pure yellow Canna. The size of its flowers, trusses and habit of growth are all that can be desired. 5 feet.

**SELECT STANDARD VARIETIES OF
LARGE FLOWERING CANNAS.**

The wonderful advance made in recent years in Cannas has induced us to grow improved varieties in preference to many sorts, which, up until very recently, were great favorites. This standard collection contains the very best of the older varieties as well as many novelties which until very recently were sold at high prices.

Beacon. Very free-flowering; color a rich cardinal-red; florets of medium size, held well above the foliage in large compact trusses; a splendid bedding variety; 3½ to 4 feet.

Brilliant. Rich yellow with two bright-red curling tongue-like petals in the centre; 4 feet.

Buttercup. Bright buttercup-yellow, a healthy, dwarf, free bloomer; one of the best pure yellows.

Consul W. Vellnagel. Large lemon-yellow, with reddish brown spots; 4 feet.

Dr. E. Ackernknecht. Carmine-lake suffused with deep carmine; a distinct shade; very free-flowering; foliage bronze; 4 feet.

Feuermeer. A brilliant fiery scarlet of medium size; exceptionally free-flowering; very effective for massing; 4 feet.

Garam. Large, bright carmine-red flowers, freely produced on vigorous growing plants; quite distinct; 3½ to 4 feet.

Gladiator. One of the finest bedders, color deep yellow freely dotted with red; 4½ feet.

Harry Laing. Large well rounded flowers of rich glowing scarlet, suffused with orange; 5 feet.

Hohenzollern. A vigorous growing variety, producing immense heads of clear canary-yellow flowers on five-feet-high stems.

Johanna Kanzleiter. Light amber-yellow, changing to creamy-white as it matures; very free and attractive; 3½ to 4 feet.

Kate F. Deemer. The flowers open a rich yellow and gradually change until the lower part or throat of the floret is red, while the rest of the flower turns almost white; quite attractive and interesting; 5 feet.

Koros. A free-flowering, vigorous variety, with bronze foliage. The color is an unusual and attractive shade of orange-scarlet, streaked and dotted with cochineal-carmine; 4 to 4½ feet.

Leopard. Sulphur-yellow when first opening, changing to creamy-white profusely dotted with carmine; very free; 4 feet.

Mephisto. The darkest crimson yet introduced; flowers of good size; 3½ feet.

Mme. Crozy. The popular golden-edged scarlet; 4 feet.

Mont Blanc Improved. Very large creamy-white flowers, especially effective when planted in conjunction with the high colored sorts; 3½ feet.

Prince Wied. An excellent, brilliant, rich deep crimson bedder, with flowers of medium size, but produced in very large trusses; free and early; one of the best; 4 feet.

Queen Charlotte. Rich pomegranate-red bordered with a broad band of bright-yellow; 3 feet.

Rosea Gigantea. Large flowers, borne in such abundance that the mass of color on each plant is truly amazing; individual petals are 2½ inches across; a deep, rich rose, almost a coral-carmine; 4 to 5 feet.

Rubin. The ruby-carmine flowers of this are not large, but are produced in profusion and are intensely rich and glowing, which, combined with the dark, bronzy-green foliage, make it one of the best bedding varieties; 3 feet.

Secretaire Chabanne. Distinct and pleasing luminous salmon; 3½ feet.

Souvenir de Antoine Crozy. Intense rich crimson-scarlet, with broad golden-yellow border; 3½ feet.

Undine. Bright orange-scarlet broadly edged with golden yellow; very free; 3½ feet.

Venus. One of the softest and most delicately colored varieties. The flowers are of fair size, of a soft rosy-pink, with a pretty mottled border of creamy-yellow. Always presents a clean, fresh appearance; 4 feet.

Wawa. A very dwarf grower and free-flowering; the trusses are of good size and borne well above the foliage; color a pleasing shade of rosy-flesh-pink; 3 feet.

Wilhelm Griessinger. Pure yellow dotted with carmine; 4½ feet.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$8.00 per 100. One each of the 27 Select Standard Sorts for \$2.50.



ITALIAN OR ORCHID-FLOWERED CANNA KING HUMBERT.

ITALIAN OR ORCHID-FLOWERED CANNAS.

Of the many orchid-flowered Cannas introduced those offered below are the most distinct and desirable. The habit of growth of all is remarkably vigorous, attaining a height of 6 feet, while their flowers frequently measure over 6 inches across.

Allemania. Pleasing dark salmon with golden markings.

Austria. Pure canary-yellow; fine large open flowers, with few reddish dots in the centre of the two inside petals.

Italia. Bright orange-scarlet, with broad golden-yellow border; the flowers are held well above the massive foliage.

King Humbert. In this grand Canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze; 5 feet. (See cut.)

Mrs. Karl Kelsey. An immense orange-scarlet; wondrously striped and flaked with golden-yellow, with wavy-edged petals; entirely distinct.

Pennsylvania. Intense vermillion-scarlet, overlaid with an orange sheen; foliage rich green.

Wyoming. Bronzy-purple foliage, with immense spikes of massive orange flowers.

Price. Any of the above, 15 cts. each; \$1.25 per doz.; \$8.00 per 100.

One each of the 7 sorts for \$1.00.



SELECT CARNATION.

CALLAS (*Richardia*).

The varieties offered below succeed best when treated in the same manner as Gladiolus, Tuberoses and other summer-flowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will then flower during the summer months. In the autumn dig and store through the winter as you would potatoes.

Golden Yellow (*Richardia*

Elliottiana.) This is the best of the Yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which adds much to its beauty. Strong bulbs, 25 cts. each; \$2.50 per doz.

Spotted Leaf (*Richardia alba maculata*). Leaves deep green, with numerous white spots. The flowers are white, with a black centre. 10 cts. each; \$1.00 per doz.



GOLDEN YELLOW CALLA.

General favorites with most people and the fashionable cut flower half a century ago, and which, to some extent, has been revived during the past few years. Anyone having a cool greenhouse or conservatory will find them among the most desirable plants to grow.

We offer 12 distinct varieties in the various shades of pink, rose, white and variegated in the following sizes:

	EACH.	PER DOZ.
Bushy plants, 12 to 15 in. high.....	.75	\$7.50
" " 15 to 18 " "	\$1.00	10.00
" " 18 to 24 " "	1.50	15.00

CESTRUM PARQUI (Night-blooming Jessamine).

An interesting tender shrub of easy cultivation, with small greenish-white flowers of delightful fragrance, which is dispensed during the night only. 15 cts. each; \$1.50 per doz.

CLEMATIS INDIVISA.

One of the most valuable of all greenhouse climbers. Its pure white flowers are from 1½ to 2 inches in diameter, and produced in panicles frequently 2 feet long. A well-established plant during the early spring months is simply a mass of bloom; the flowers can be used to good advantage in a cut state. \$1.00 each.

SELECT CARNATIONS.

The Carnations which we furnish in spring are thrifty young plants from pots, and should be handled as follows:

The young plants can be grown in a cool greenhouse, hotbed or cold-frame where the temperature can be maintained at 50 degrees at night, with plenty of fresh air during the day. The little plants should be shifted along as required, and never allowed to get potbound.

As soon as all danger from hard frost is over, plant in the garden 12 inches each way, and keep well cultivated until they begin to bloom, when a light mulch of strawy manure will be beneficial to retain moisture in the soil, and help nourish the plants.

Plants so treated should begin to flower in July and continue to produce an abundance of flowers until killed by frost. For winter-flowering the same cultural notes apply, with the exception that the flower shoots should be kept pinched back until about the middle of August, when they should be planted on benches in the greenhouse for the season's crop of flowers.

Any good fresh soil, moderately enriched, will grow them. Plant 9 to 12 inches apart, according to the size of the plants. The same night temperature that is required for the little plants before planting out will make good flowers, with 15 to 20 degrees higher and plenty of fresh air during bright days; water only sufficiently to keep plants from wilting.

Beacon. Brilliant scarlet.

Benora. Creamy-white pencilled bright red.

Champion. Fine free scarlet.

Enchantress. Exquisite, delicate pink of large size.

Enchantress Supreme. Light salmon-pink.

Eureka. An elegant deep scarlet.

May Day. Delicate soft pink.

Mrs. C. W. Ward. Beautifully formed deep pink.

Princess Dagmar. Fine large crimson.

Rosette. Fine deep pink.

White Enchantress. Very free-flowering large white.

White Wonder. A fine pure white.

10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 12 for \$1.00.

After September 1st we can only supply large field-grown plants prepared for winter-flowering. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CISSUS.

Discolor. A beautiful climber for the conservatory, with mottled and marbled crimson and green foliage. 25 cts. each; \$2.50 per doz.



CLEMATIS INDIVISA.



CHRYSANTHEMUMS.

SIX SPLENDID
Exhibition Varieties.

Introductions of 1914.

Daily Mail. Growth, foliage and flowers enormous, color a deep buttery-yellow.

James Fraser. Flowers very large, deep canary-yellow on rigid stems: one of the best of its type.

Meudon. An immense flower of bright pink, a strong but dwarf grower.

Mrs. Ernest Wild. A beautiful chestnut-crimson with bronze reverse.

Mrs. R. H. Boggs. Of immense size. When first opening it has a tinge of pink which ultimately passes to pure white.

Mrs. Paul Moore. A most reliable sort, with rigid stem and magnificent light yellow flowers.

Price. Any of the above, 50 cts. each; \$5.00 per doz. One each of the 6 varieties for \$2.50.

HARDY POMPON
CHRYSANTHEMUMS.

We list 25 of the best sorts. See page 198.

Twenty-five Best Standard
Cut flower and Exhibition
CHRYSANTHEMUMS.

Our list has been carefully revised. All of the varieties selected are such that have made their mark on the exhibition table. At the same time great care has been taken to confine the various varieties known to the trade as "easy doers," that is, varieties which can be grown under ordinary conditions, eliminating those which require special skill and facilities to bring to perfection.



EXHIBITION CHRYSANTHEMUMS.

C. H. Totty. An enormous glowing chestnut-scarlet.

Chieftain. A beautiful incurving pink.

Chrysolora. Beautiful, early, incurving yellow.

Comoleta. Clear bright yellow, early.

Elberon. Large incurved Japanese pink.

F. T. Quittenten. A magnificent reflexed deep crimson.

Gloria. One of the best early light pinks.

Harry E. Converse. Chestnut-crimson with bronze reverse.

Mary Mason. Gigantic bronzy-red.

Matchless. One of the best early crimsons.

Monrovia. One of the best early yellows.

Mrs. Arnold. A favorite white.

Mrs. W. Iggleton. Clear reflexing yellow.

Mrs. O. H. Kahn. A most beautiful bronze.

Mrs. G. C. Kelly. Very large old-rose with silvery reflex.

Mrs. David Syme. An absolutely perfect pure white.

Pattie. Very delicate shade of pink.

Pockett's Crimson. Beautiful crimson with gold reverse.

Reginald Vallis. Striking Japanese deep rose.

Rose Pockett. A splendid old-gold shaded bronze.

Unaka. The best early pink.

Well's Late Pink. One of the finest pinks.

White Gloria. Pure white; one of the best earlies.

William Turner. A perfect ball of pure white.

Yellow Miller. One of the largest yellows grown; good in every way.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.

Set of 25 varieties for \$3.00.



EARLY-FLOWERING CHRYSANTHEMUMS (Offered on page 126)

EARLY-FLOWERING CHRYSANTHEMUMS.

A selection of very early-flowering varieties which will furnish an abundance of flowers under ordinary garden cultivation during October, after Dahlias and other tender plants have been cut by frost. (See cut on page 125.)

Bride of Keston. Deep violet-carmine with silvery reflex.

Goacher's Crimson. Large sized, deep crimson-red, with golden-bronze reflex.

Harrie. Bronzy-orange on golden ground.

Le Argentuillais. A splendid glowing chestnut-red.

Mignon. A charming rosy-mauve.

Normandie. Beautiful white, with just a suggestion of pink.

October Gold. Very free, splendid bronze-yellow.

Perle Chatillonaise. Sulphury-white; one of the best.

Perle Rose. Soft violet-rose, very desirable.

Provence. Bright pink with gold points and centre.

R. Pemberton. Deep carmine-violet with silvery reflex.

Vivian Prince. Graceful flower of a bright chrome-yellow.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of the 12 varieties for \$1.50.



CHRYSANthemum FRUTESCENS, MRS. F. SANDER.

CHRYSANthemum FRUTESCENS.

(Paris Daisy or Marguerite.)

Mrs. F. Sander. This variety is equally valuable for the conservatory and window garden in late winter and spring, and is an excellent bedding plant during the summer months, succeeding in any sunny position. Its color is of the purest glistening white throughout; in size it frequently measures 5 inches across; the centre of the flower is a mass of closely arranged fringed florets; these are surrounded or edged by the broad, shining white ray petals, forming a flower which reminds one forcibly of a glorified double Pyrethrum.

Etoile d'Or. The true large-flowered yellow Paris Daisy. 15 cts. each; \$1.50 per doz.



CLIVIA.

CLERODENDRONS.

Balfouri. A beautiful greenhouse climber, and admirably suited for house culture, flowering most profusely with bright scarlet flowers, enveloped in a creamy-white calyx. 15 cts. each. Extra large plants, 25 cts. each.

Falax. A beautiful variety, with very bright scarlet flowers, produced during August and September in many-flowered terminal panicles; it is of shrub-like habit and a grand plant for the conservatory. 25 cts. each; \$2.50 per doz.

CLIVIA MINIATA (Imantophyllum).

A pretty lily-like plant of the easiest culture, and a most desirable house plant; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters from 10 to 20 flowers each; in color it is of a fine orange-red shading to buff. Large, strong plants, 50 cts. each.

Cobaea Scandens (Cups and Saucers Vine).

A beautiful climber, of rapid growth, large purple cup-and-saucer-shaped flowers. For quickly covering arbors, trellises, etc., it is unsurpassed. Ready in May. 15 cts. each; \$1.50 per doz.

COLEUS (Flame Nettle).

The varieties offered below are the best of the standard sorts now in use for bedding, filling vases, etc., etc.

Cecile Brown. A useful variety for porch boxes, vases, etc., it being of trailing habit; centre rosy-crimson and yellow, bordered maroon and edged crimson.

Dr. Ross. Very large crimson leaves, edged and marked with green and yellow; the finest fancy variety.

Firebrand. Brilliant reddish-brown.

Golden Bedder. Fine yellow.

Queen Victoria. Crimson, golden edge.

Rainbow. Velvety maroon, margined gold.

Verschaffelti. The popular dark crimson.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

COLOCASIA.

Neo Guinensis. Dark green, shiny leaves, spotted with creamy-white. A good subject for the stove or warm conservatory. 50 cts. each.

COSMOS.

Indispensable autumn-blooming plants, producing their artistic blossoms in lavish profusion from September until hard frost. Plants ready May 1st.

Mammoth Perfection, White, Pink and Crimson.

Gigantic-flowering, Lady Lenox. Rich, deep pink.

50 cts. per doz.; \$4.00 per 100.



CROTON.

Yuletide. Leaves $\frac{3}{4}$ to 1 inch wide, frequently 12 inches long; at first usually a pure orange, changing to dark green, cardinal and orange, with deeper midrib and reverse.

Price. Any of the above Novelties in good young plants in 3-inch pots, 60 cts. each; the set of 10 for \$5.00.

STANDARD VARIETIES OF CROTONS.

Andreaeum. Leaves broad-oblong, deep green with yellow and crimson vein-markings.

Baron Frank Seilliere. Large, heavy deep green leaves with pale yellow nerves, which change to ivory-white; the contrast of color produces a striking effect.

Dayspring. Leaves orange-yellow, edged dark green, the yellow part becoming deeply suffused with red.

Inimitable. Ground color deep olive-green, with irregular blotches and veins of bright orange-carmine, the general effect being a rich autumn red.

Interruptum. Narrow, long leaves, frequently twisted, dark purplish-green, midrib crimson.

Musaicum. Wavy, lanceolate leaves, green, crimson and cream color.

Norwood Beauty. Oak-leaved; ground color greenish-bronze, veined and splashed with orange-salmon.

Queen Victoria. Long leaves, rich golden-yellow, mottled with green, midrib and veins, as well as the margin, vivid crimson.

Robert Craig. A splendid combination of deep olive-green and golden yellow with rosy sunset suffusion.

3-inch pots, 30 cts. each; set of 12 varieties for \$3.00.

4-inch pots, 50 cts. each; set of 12 varieties for \$5.00.

Large plants, \$1.00, \$1.50 and \$2.50 each.

CURMERIA.

Wallisii. A handsome ornamental plant, which is deserving of wide popularity as a decorative plant for the window-garden. Its leaves, which are about 5 inches long by 2 to $2\frac{1}{2}$ inches wide, are of a rich deep green, irregularly blotched with pale yellowish-green. 50 cts. each.

CYPERUS (Umbrella Plant).

Alternifolius. An excellent plant for the house. Will thrive in any good soil, and always presents a green and attractive appearance. It may be grown as a sub-aquatic, and in any case should never lack a liberal supply of water. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.

CROTONS.

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are now used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Our collection embraces the handsomest new and standard varieties.

TEN CROTON NOVELTIES.

Edmontonensis. Leaves 1 to $1\frac{1}{2}$ inches wide, 12 to 15 inches long, drooping gracefully with wavy edges. Ground color dark green, splashed and mottled orange and carmine and bordered with carmine.

Juliette Delaruye. Large, deeply lobed, oak-leaved foliage of a bright green; the midrib, veins and irregular blotches in the leaves are of clear canary-yellow; an effective, vigorous grower.

Lillie Stoffregen. Large broad leaves of a bright olive-green with broad irregular bands of creamy-yellow along the midrib and veins.

Time. Van der Meulen. Broad, large leaves, in which the bright green color is almost eliminated as the leaves mature by the rich russet-orange which develops; midrib and reverse a beautiful carmine.

Mrs. Duncan Macaw. Fine large leaves of uneven form, which, while young, are green with yellow veins; as they mature the green becomes a reddish bronze, while the yellow is transformed into a bright cardinal-red.

Pere Charon. Large, elliptical, slightly undulated foliage, which at first is a bright green with irregular large yellow and carmine blotches, which, as they mature, become a dark bronzy-green with orange-carmine midribs, veins and blotches; a variety of extraordinary merit.

Phillip Geduldig. A splendid, compact grower, with broad, medium-sized leaves. When young, the light green ground is generously splashed with yellow. This gradually deepens to a bright cardinal-red on an olive-green base.

Pucciana. At first the leaves are bright olive-green with irregular yellow markings along midrib and veins; at maturity the ground color is bronzy dark green, veined and largely marked with bright cardinal-red.

Willie Runde. Similar in coloring to Mrs. Duncan Macaw, but differs in having much narrower and shorter foliage, which is irregular, varying from 1 to $2\frac{1}{2}$ inches in the same leaf.

in 3-inch pots, 60 cts. each; the set of 10 for \$5.00.

STANDARD VARIETIES OF CROTONS.

Baronne James de Rothschild. Large, broad, deep olive-green leaves with yellow changing to crimson variegation.

Charmer. Leaves very large, golden-yellow, with deep olive-green blotches, midrib and veins crimson.

Craigil. Deeply lobed foliage, of a fresh rich green, freely veined and marked with rich golden-yellow.



CYPERUS ALTERNIFOLIUS.

DREER'S SELECT DAHLIAS.

Another season among the Dahlias shows an increased interest in this most important of all the late summer and fall flowers which the most sanguine Dahlia enthusiast did not dare to dream of even a few years since.

At our Riverview Farm during the season of 1914 we grew over 50 acres of Dahlias in more than 800 varieties, which included not only large blocks of the best standard varieties of all types, but everything worth while in the newer sorts of both home and foreign introduction.

All of the Dahlias offered in this catalogue are supplied in strong, dormant field-grown roots, excepting some of the newer kinds, which we can only furnish in plant form and which are noted in the catalogue. These plants are ready to send out between the middle of April and the first of May. As the season advances our supply of roots of some of the older varieties becomes exhausted, in which case green growing plants are sent instead. These will give equally as good results as dormant roots, flowering just as freely, and many experienced planters prefer them, and by the time they are cut by frost in the autumn they will have produced strong roots, which can be carried over winter in the usual way.

Notes on the culture of Dahlias are included in our new book, "Dreer's Hints on the Growing of Bulbs," price 50 cts., or a copy will be sent free to customers who ask for it when ordering.

Four New Colossal Cactus Dahlias.

It is gratifying to us to be able, after another season's trial, to even more strongly endorse the four varieties listed under this heading than we did last year, and this after one of the most unfavorable growing seasons that we have ever experienced. We are prompted in this not only by our own observations, but also from the many reports we have received from pleased customers.

ETENDARD DE LYON.

Even the person who classes all shades of purple as so-called malignant magentas stops to admire this beautiful carmine-rose giant, which we consider one of the finest varieties for garden decoration. The flowers are of a hybrid-cactus type, distinct in shape from all others; the petals are broad, curled and wavy and form a flower fully 6 inches in diameter and 4 inches deep, a very large flower, yet without any stiffness or formality; its color is a rich carmine-rose, with a brilliant suffusion difficult to describe.

Its habit of growth is perfect, and for such a large flowering variety it is exceptionally free-flowering. One of our suburban Philadelphia patrons who set out a growing plant about June 15th reported fourteen open and expanding flowers on his plant on October 15th, with still more buds in sight. Plants ready after April 15th, \$1.00 each.

NIBELUNGENHORT.

This is another distinct introduction which has been greatly admired, with flowers from 7 to 8 inches across, composed of rather broad, more or less curled and twisted petals of a beautiful shade of old-rose with golden-apricot suffusion. Very free-flowering on long stems; a fine cut flower. Illustrated on plate opposite. Roots, \$1.00 each.

One each of the above Four Colossal Dahlias for \$3.50.

Dreer's Giant Cactus Dahlias.

In looking over the long list of European Dahlias which have been introduced by us, not including the four Colossal Cactus sorts described above, we could not select a similar collection out of the hundreds of varieties which we have grown that we can endorse so highly as these four Giant Cactus, which we first offered in the spring of 1911 and which have been growing more popular each season. They arrest the attention of every visitor to our fields, and are now included in nearly all collections: not only are the flowers of large size and distinct form, but the habit of the plants is vigorous and very free-flowering.

Nerthus. The centre of the flower is a rich, glowing, bronzy, orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color, which gives it an iridescence which it is not possible to describe.

Rheinkonig. Pure snow-white flowers of splendid form, 5 inches and over in diameter. These are of great substance, lasting splendidly when cut; they are borne on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cutting. Illustrated on plate page 131.

Price. Any of the Giant Cactus Dahlias, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the four varieties for \$1.00.

KALIF.

A truly majestic flower, nicely shown on the plate opposite, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. The habit of the plant is all that can be desired, growing, with us, about 4½ feet high; the gigantic flowers, which are produced very freely, are held erect on strong, stiff stems, making it a most effective and useful variety for cutting as well as for garden decoration. Kalif is of German origin, and is the first variety that has had the distinction of receiving the National German Dahlia Society's highest award—a silver medal.

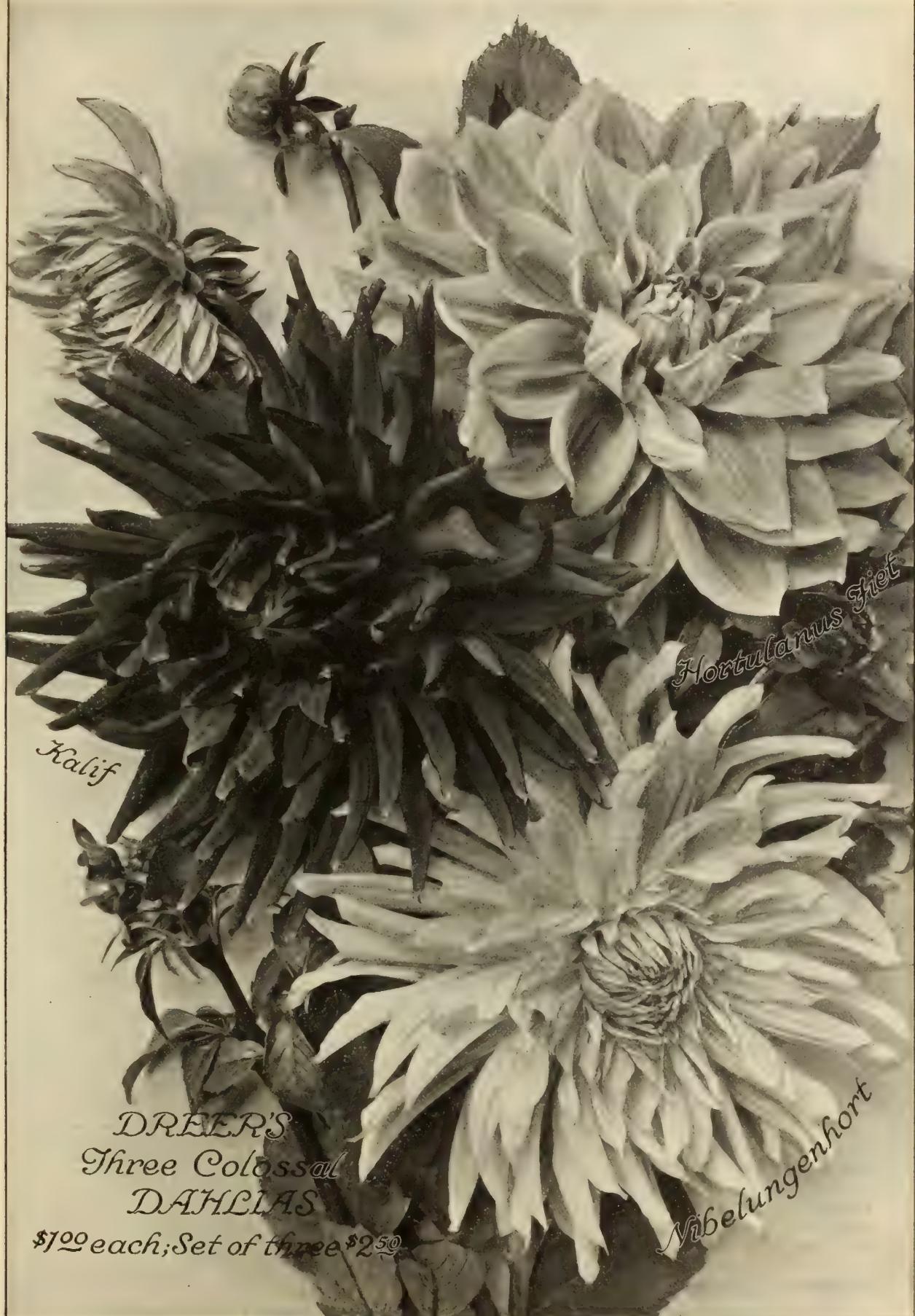
One of our California customers, Mrs. R. L. Hill, of Ventura, writes us under date of October 9th: "I have some 35 varieties of Dahlias which were bought from you, and all are still in bloom and extremely beautiful. I have had Kalif nearly a foot in diameter, and Nibelungenhort eight inches." Last spring we sent out Kalif only in the form of young plants at \$2.50 each; we have not heard of a single disappointed customer. This season we have succeeded in producing a large stock of roots, sufficient, we believe, to meet all possible demands, at the reduced price of \$1.00 each.

WALKURE.

A seedling of Vater Rhein, with the strong, vigorous, free-flowering habit of its parent, flowers frequently measuring 7 inches across. These are of sulphur-yellow, deepening to a luminous golden-yellow at the centre, the whole suffused with cinnabar-red. Plants ready after April 15th. \$1.00 each.

Wodan. Bold, large, but not coarse flower, frequently 7 inches in diameter; a graceful arrangement of semi-incurred tubular petals of a pleasing, delicate salmon-rose color, shading to old-gold in the centre.

Wolfgang von Goethe. Large, gracefully-arranged, perfect flowers of a rich apricot, with carmine shadings. 35 cts. each; \$3.50 per doz.



DREER'S
Three Colossal
DAHLIAS

\$1.00 each; Set of three \$2.50

Kalif

Hortulanus frit

Nibelungenhort

"THE DREER COLLECTION" OF CACTUS DAHLIAS OF SPECIAL MERIT.

This is a selection of twenty-five varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering under the most varied conditions of soil and climate, and which can be depended upon to make an early and continuous display in the garden, and at the same time furnish an abundance of choice flowers for cutting. The varieties are all introductions previous to 1912, and have been under observation ample time to establish their superior qualities.

Candeur. A wonderful pure white, which in the fully developed flower more closely resembles an incurved Chrysanthemum than any other sort; it is of good size, and a valuable cut flower. (See cut.)

Countess of Lonsdale. A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions.

Delicatissima. A perfectly formed flower and one of the most delicately colored varieties yet introduced; a splendid cut flower with good stems; color tender Hydrangea-pink, with lighter shadings.

Else. A charming variety, with a combination of delicate colors. The base of the petals is of buttercup-yellow, gradually passing to amber, finished with a tip of tyrian rose.

Fernand Olivet.

Remarkably free-flowering on stiff, wiry stems; brilliant maroon with scarlet shadings, the centre almost black.

Galathea. A medium-sized flower of splendid form, especially appreciated on account of its delicate color, which is an even, tender soft pink. (Illustrated on plate opposite.)

General French. Flower of good size and form of a most pleasing shade of reddish-orange; a favorite cut flower. (Illustrated on plate opposite.)

Glory of Wilts. A magnificent bright golden-yellow, of large size, splendid quality and very free.

H. Wearing. Pure salmon, passing to bright amber at the base of the petals, which are long, narrow and straight, forming a model flower. (Illustrated on plate opposite.)

Lawine. White, with just a suggestion of blush as the flower matures; a fine, full, large flower; one of the best.

Libellule. Of splendid form, sulphur-yellow shaded with capucine-red; exceptionally free-flowering.

Lord Minto. Very symmetrical flowers, with long, quilled petals, which are cleft at the tips; color centre pale yellow, passing to a soft rosy-salmon at the ends of the petals.

Marathon. A brilliant, rich purple, illuminated with higher, brighter shadings; entirely distinct in color and form.

Master Carle. Very large, bright saffron-yellow; a splendid flower.

Mauve Queen. A delicate and dainty variety, formed of long tubular, incurved petals of a pleasing shade of clear mauve, shading lighter towards the centre.

Mme. Marie Doucet. One of the freest-flowering, a lovely mauve-pink, passing to a white centre; of good size, with fine stems.

Mrs. C. G. Wyatt. This variety in our fields has produced most wonderful exhibition flow-

ers; it is one of the finest white varieties, with long numerous petals, forming a flower of great depth and of highest quality.

Mrs. H. J. Jones. Very large, perfect, rich, bright scarlet, with cream-colored edge; occasionally comes self-colored.

Rene Cayeux. Brilliant geranium-red; early and free; a great favorite. (Illustrated on plate opposite.)

Sequoia. A beautiful variety, with long, tubular petals cleft at the tips, of

a deep saffron-yellow suffused with red; a splendid autumn tint.

Sherlock. Orange-scarlet with apricot suffusion, one of the pleasing autumn tints; flowers very large on good stems for cutting; free, early and continuous bloomer.

Success. A beautiful incurved pure yellow, with long twisted petals, entirely distinct.

Thais. The rather broad petals, which are loosely arranged, make up an informally shaped flower which, on account of its color, a pure white with a soft mauve suffusion which is deposited over the snowy petals like a dew, makes it one of the most delicately colored sorts which we have yet offered.

Thos. Obelin. A brilliant fiery-red, a fine large refined flower of perfect incurved form, produced in the greatest profusion on long stiff stems; a fine cut flower.

Vivid. A dwarf variety with splendid incurved flowers composed of long incurved petals of the most intense fiery-red color, very free, good stems and fine for cutting.



CACTUS DAHLIA CАНDEUR.

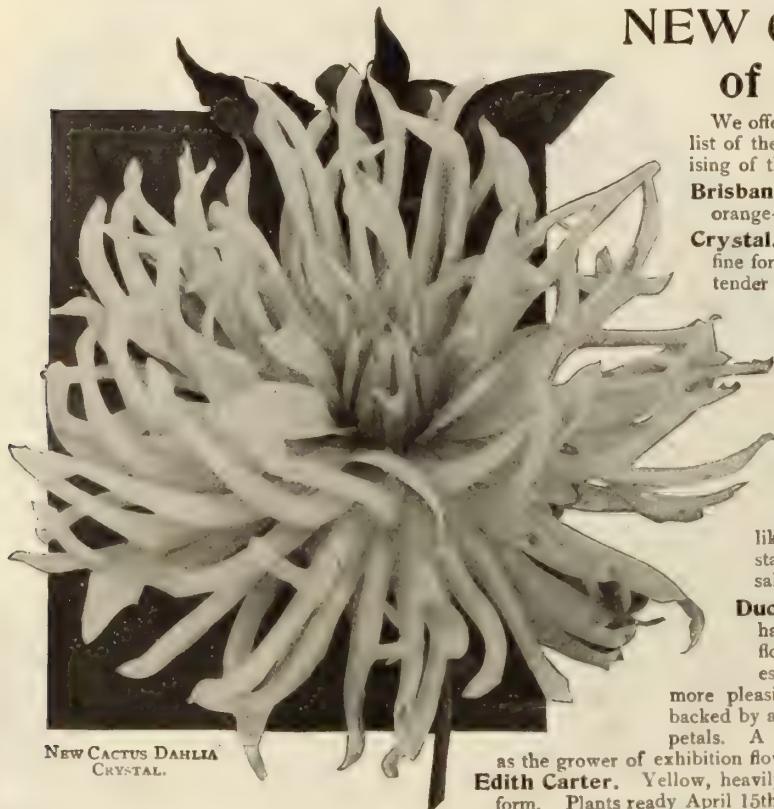
Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$18.00 per 100. One each of the 25 varieties for \$5.00.



No. 1 *Gaiety*
" 2 *H. Wearing*
" 3 *Rene Cayeux*
" 4 *Rheinkonig*
" 5 *Galathea*
" 6 *General French*

DREER'S
"Six Incomparable"
DAHLIAS
For Garden Decoration
One of each for \$1.25

NEW CACTUS DAHLIAS of 1914 and 1915.



NEW CACTUS DAHLIA
CRYSTAL.

Empress. A great exhibition flower of beautiful form and large size, with long, tubular incurved petals of a most pleasing tint of tyrian-rose. 50 cts. each.

Esther. A good-shaped, free-flowering solferino-red. 50 cts. each.

Etoile de France. A dainty little flower, about 3 inches in diameter, of a soft rosy-lilac with lighter tips; good stems for cutting, very free-flowering. 50 cts. each.

Florrie Wells. Of very perfect shape, composed of straight, stiff petals of a peculiar pleasing shade of rosy-crimson. Plants ready April 15th. 75 cts. each.

Frances White. A pure white of distinct form, the long narrow petals being twisted in cork-screw style; the flowers are very deep and never show an open centre. Plants ready April 15th. 75 cts. each.

F. Graham. Very large flowers, the centre a beautiful glowing golden shade, which gradually passes to a deep salmon-rose, an effective color combination. While this variety frequently shows an open centre, it is very attractive even in that form. 50 cts. each.

Ferd. Cayeux. The finest dark Cactus yet introduced. Flowers of good size, with long, thread-like petals; color mahogany with red and black shading. Plants ready April 15th. 50 cts. each.

Gluckskind. One of the very free-flowering varieties. A delicate soft pink with salmon suffusion; fine for cutting. 50 cts. each.

Golden Plover. A splendid exhibition flower of neat and most precise incurved form, of a soft tint of lemon-yellow, reverse of petals tinted rose. 50 cts. each.

Hildegard Kusell. Medium-sized flowers of an effective salmon-old-rose color. 50 cts. each.

Jeanne Hardy. A dainty, almost globular flower; color a rich French purple with vinous-red suffusion, the reverse of the tubular petals is a silvery-rose showing only at the open points in such a manner as to give the flower a bicolor or tipped appearance. 50 cts. each.

We offer on this and the next page a carefully revised list of the novelties of 1914, together with the most promising of the 1915 introductions.

Brisbane. Very large flowers of fine form, of a bright orange-scarlet. Plants ready April 15th. 50 cts. each.

Crystal. A splendid exhibition flower of largest size and fine form; long twisted and incurved tubular petals of a tender silvery-pink shading to ivory-white in the centre. Plants ready April 15th. \$1.00 each.

Dolly. A striking bicolored variety, about two-thirds of the length of each petal being a crimson-scarlet with the tip end pure white. Plants ready April 15th. 75 cts. each.

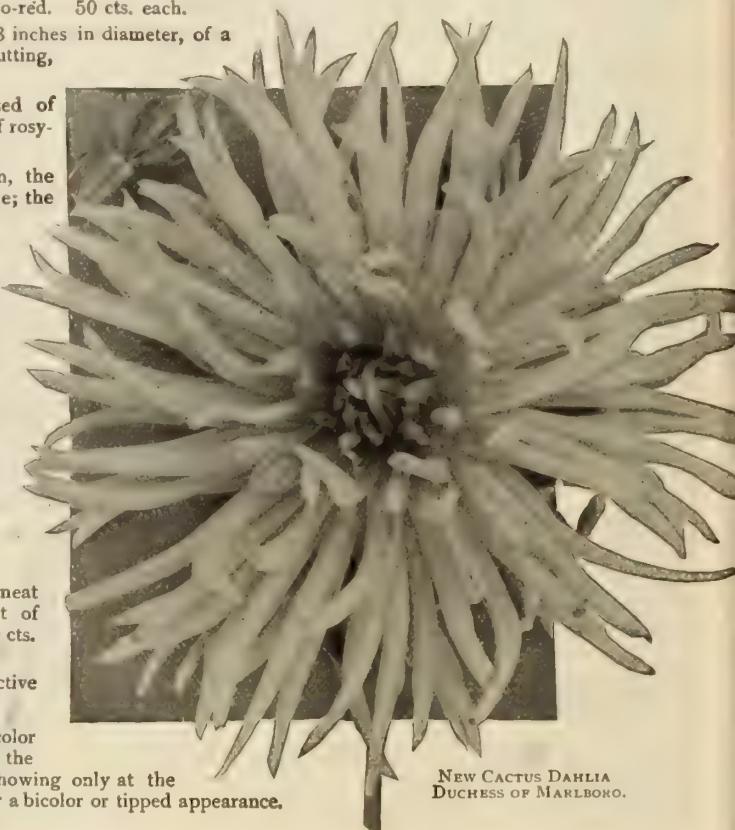
Dora. A fine large flower, of a luminous reddish-salmon, deepening to the centre; long petals, good cactus form, 35 cts. each.

Dr. Roy Appleton. Long, narrow thread-like petals, very regularly arranged, radiating star-like. A fine exhibition flower; color a delicate salmon-pink. Plants ready April 15th. 50 cts. each.

Duchess of Marlboro. This beautiful variety for habit of growth, freedom of bloom, with every flower coming perfect, is in the same class as Countess of Lonsdale, but of far more refined form and more pleasing color, it being of a beautiful tint of solferino, backed by a sunshine-like golden suffusion at the base of the petals. A Dahlia which will please every amateur as well as the grower of exhibition flowers. \$1.00 each.

Edith Carter. Yellow, heavily suffused with bright rosy-carmine; of splendid form. Plants ready April 15th. 75 cts. each.

Eloise Crozy. One of the most distinct colors, a lively yet most delicate rose-pink. The flowers, which are of good size, are composed of long, incurving tubular petals. Plants ready April 15th. 75 cts. each.



NEW CACTUS DAHLIA
DUCHESS OF MARLBORO.

New Cactus Dahlias—Continued.

Liegnitz. One of the broad petaled Hybrid Cactus of very perfect form and of large size of a distinct deep shade of cerise. 50 cts. each.

Louis Chauvet. A distinct fancy with rather broad petals, the outer ones being white, edged with crimson-carmine; towards the centre the petals are of a luminous carmine, bordered or edged with rich garnet. 50 cts. each.

Miss Stredwick. A beautiful color combination; the centre of the flower is of a soft yellow passing to a beautiful shade of deep pink, which again turns to a light pink at the edge of the flower. 50 cts. each.

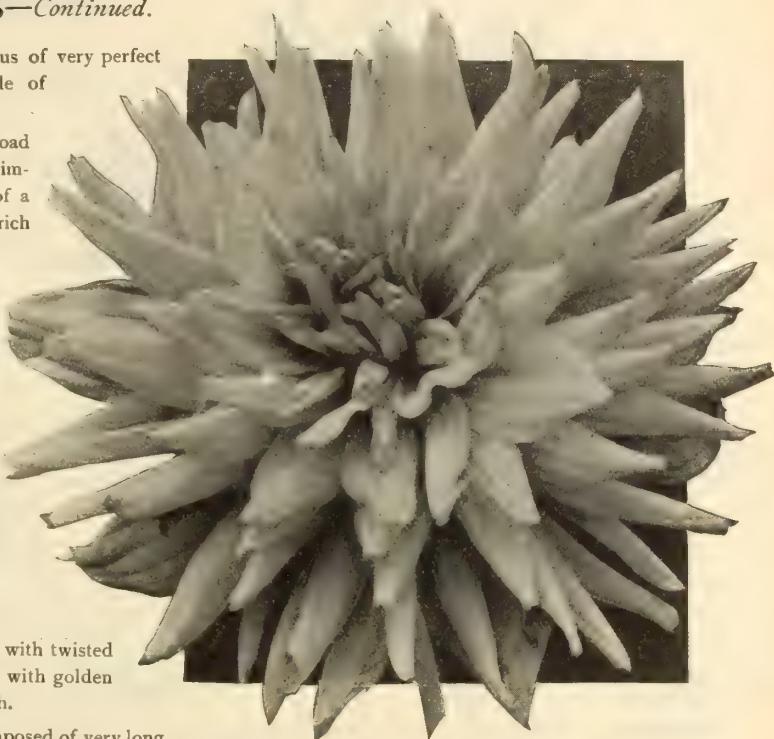
Mme. Celine Henry-Couannier. Medium size, very regularly formed flowers, of a rich, luminous crimson-carmine. \$1.00 each.

Mme. Eschenauer. One of the earliest and freest-flowering Cactus varieties, of a creamy-white delicately suffused with mauve-pink. A splendid cut-flower. Plants ready April 15th. \$1.00 each.

Mme. Desmaris. A beautifully formed flower with twisted and curled flat petals of a bright madder-carmine with golden suffusion. Plants ready April 15th. 75 cts. each.

Mrs. Fleming. A most graceful pure white; composed of very long, tubular petals. A beautiful exhibition variety. Plants ready April 15th. 75 cts. each.

Rekord. A most desirable, rich oriental-red. 35 cts. each.



NEW CACTUS DAHLIA MME. ESCHENAUER.

Rheinischer Frohsinn. This variety appealed to most of the visitors to our trial grounds during the past two seasons, as a most distinct and refined variety. The flowers are large, of splendid form; the long incurving petals are white at the base but at about one-half their length they become suffused with and change to a luminous carmine-rose, the two colors combining harmoniously in forming a most attractive flower. 75c. each.

Rheinkiesel. A splendidly formed, graceful flower with long narrow petals on stiff, wiry stems well above the foliage, of a lively carmine-rose color, deepening towards the centre. Plants ready April 15th. 75 cts. each.

Rosennymphe. A broad petalled variety, reminding one in form of a Water Lily; in color a delicate flesh color, shading to a soft rosy white. Plants ready April 15th. 75 cts. each.

Salmon Queen. A splendid large flower with long tubular petals, deep old rose with a luminous salmon suffusion. Very free-flowering. Plants ready April 15th. 50 cts. each.

Sirene. A hybrid-cactus variety with the base of the petals very broad but tapering to a long point, forming a star-like flower, which on account of its rosy-pink color shading to an almost white centre, makes it a most desirable cut-flower. Plants ready April 15th. 75 cts. each.

Stability. A splendid exhibition flower, with long, slightly incurved tubular petals, of a beautiful shade of aniline-red. Good wiry stems. Free-flowering. 50 cts. each.

Veyrant Hermanos. An effective purplish-garnet, rich and glowing with broad petals, forming a flower of ideal shape. An early and continuous bloomer. 50 cts. each.

Wacht am Rhein. Unquestionably the most beautiful Cactus variety offered this season; most gracefully formed, large flowers on splendid stems for cutting; of an ideal soft rosy-pink color with white suffusion. We believe this will become very popular. Plants ready April 15th. \$1.50 each.

Warrior. Soft salmon at the edges, shading to deep mauve-rose at the centre with a golden suffusion. Plants ready April 15th. 50 cts. each.

SPECIAL OFFER.—We will supply one each of the 36 New Cactus Varieties for \$18.00.



NEW CACTUS DAHLIA RHEINISCHER FROHSINN.



CACTUS DAHLIA.
AMI PHILIPPE GOY.

Daydream. Honey-yellow, with bright yellow centre and salmon-rose shadings; delicate and pretty, of perfect form. 35 cts. each.

Delicatissima. See page 130.

Dibs. A bright shade of rose-pink, each petal tipped old-gold, borne on long, stiff stems and very free. 25 cts. each.

Echo. Bright tyrian-rose, passing to silvery-rose at base of petals, a distinct shade of color, large, moderately incurved regular-shaped flower. 35 cts. each.

Else. See page 130.

Excelsior. A refined and beautiful variety, with long and extremely narrow petals, of a deep maroon. 50 cts. each.

Extase. A great exhibition flower of large size, with narrow petals of a tender shade of mauve-rose, which gradually passes to a white centre; very free-flowering. 50 cts. each.

Fernand Olivet. See page 130.

Firebrand. Bright fiery-scarlet, an immense flower with very long petals; forms a conspicuous object in the garden. 25 cts. each.

Flora. An ideal white Cactus Dahlia. A large flower, produced on stout, stiff stems; valuable for cutting. 25 cts. each.

Floradora. A remarkably free-flowering, bright blood-red. 15 cts. each.

Galathea. See page 130.

Gelber Prinz. One of the best deep yellows; a brilliant deep buttercup yellow, with flowers of very large size, of fine form, full centre, and a splendid cut flower of remarkable lasting qualities. Plants ready April 15th. 35 cts. each.

General French. See page 130.

Gen. J. B. Seth. A rich, brilliant scarlet, with orange scarlet shadings, of perfect form, held well above the foliage on stiff stems. 50 cts. each.

Glory of Wilts. See page 130.

Golden Eagle. Splendidly incurved large flower of a pleasing golden-buff; entirely distinct. 35 cts. each.

Goldland. A splendid primrose-yellow, of perfect form and very free-flowering. 25 cts. each.

Goliath. Ground color yellow, suffused and tinted with reddish-salmon. 25 cts. each.

Graf von Schimmelmann. Salmon-rose, shading to a yellow centre, long, narrow, incurved petals; very free. 25 cts. each.

Choice Cactus Dahlias.

The varieties offered on this and the following two pages represent the gems of the well-tried sorts introduced prior to 1914 and which have made a reputation for themselves.

Aegir. Rich, warm cardinal-red, peculiarly twisted petals. 15 cts. each.

Alpenrose. A fine flower, with twisted petals of a bright aniline red, intensified by a golden-yellow suffusion. 25 cts. each.

Ami Philippe Goy. Petals incurved; ground color deep salmon-red, suffused with pure scarlet, deepening to blood-red on tips. 15 cts. each.

Andromeda. An extremely free-flowering variety of a bright terra-cotta red with golden suffusion. 25 cts. each.

Augenweide. A beautiful satiny carmine-rose, deepening to the centre; flowers of good form. 35 cts. each.

Aurora. A beautiful reddish-apricot suffused with flesh-pink, shading lighter to the tips. Plants ready April 15th. 25 cts. each.

Australian. A brilliant rich purple, with bright crimson suffusion. 35 cts. each.

Bessie Palliser. Roman ochre suffused with salmon, with a golden sheen at the base of the long petals, which are twisted and curled. 15 cts. each.

Bismarck. One of the best intense fiery-reds; gracefully formed flower, with incurved petals on stiff stems held well above the foliage. 25 cts. each.

Blaustrumpf (Blue Stocking). A very distinct deep purple with bluish suffusion; a good flower. 35 cts. each.

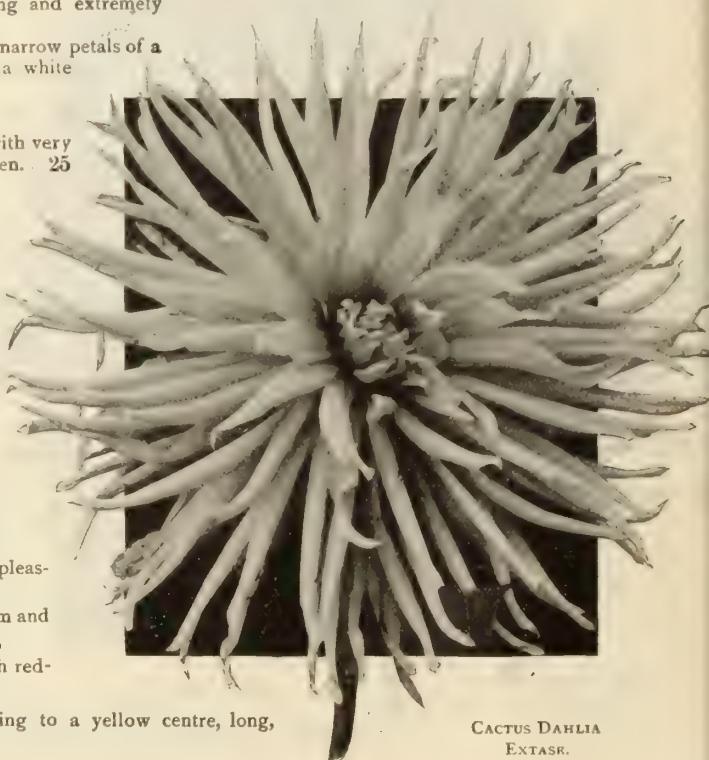
Bruce. A beautiful flower; long, incurving twisted petals of a yellow-salmon shading to amber-yellow in the centre. 25 cts. each.

Candeur. See page 130.

Caradoc. Clear, bright, pure yellow, a fine large flower. 25 cts. each.

Comte de Lambert. A grand flower, of a rich carmine-red, reverse of petals amaranth-red. 25 cts. each.

Countess of Lonsdale. See page 130.



CACTUS DAHLIA
EXTASR.

Choice Cactus Dahlias

(CONTINUED).

H. L. Brousson. Extremely narrow petals of great length and slightly incurved form; white in the centre, passing to a rich rose and again white at the tips. 50 cts. each.

H. W. Sillem. A brilliant, rich, cardinal-red, with deeper shadings; flowers of perfect form and very large. 15 cts. each.

H. Wearing. See page 130.

High Sheriff. One of the gems; a flower of fine form, of bronzy-rose color, passing to a golden-bronze towards the centre. 25 cts. each.

Hildegardine Deegen. A rich, brilliant garnet of beautiful form, good size and free. 35 cts. each.

J. B. Fry. A fine large flower, the centre a pale yellow, passing at the points of the petals to a light salmon. 35 cts. each.

Karl Kotte. One of the most beautiful of the autumn tints, a rich reddish-salmon. 25 cts. each.

Kriemhilde. A most popular cut flower variety; perfect flowers on long stems; color a brilliant pink, gradually shading to white at the centre. 15 cts. each.

Lady Hutton. A dainty flower, with long, narrow petals of a soft amber yellow, lightly suffused with rose on the outer petals; a pleasing soft color. 25 cts. each.

Lady Kilmaine. Salmon-pink shading deeper towards the tips of the long incurved petals. 25 cts. each.

Lawine. See page 130.

Libellule. See page 130.

Lord Minto. See page 130.

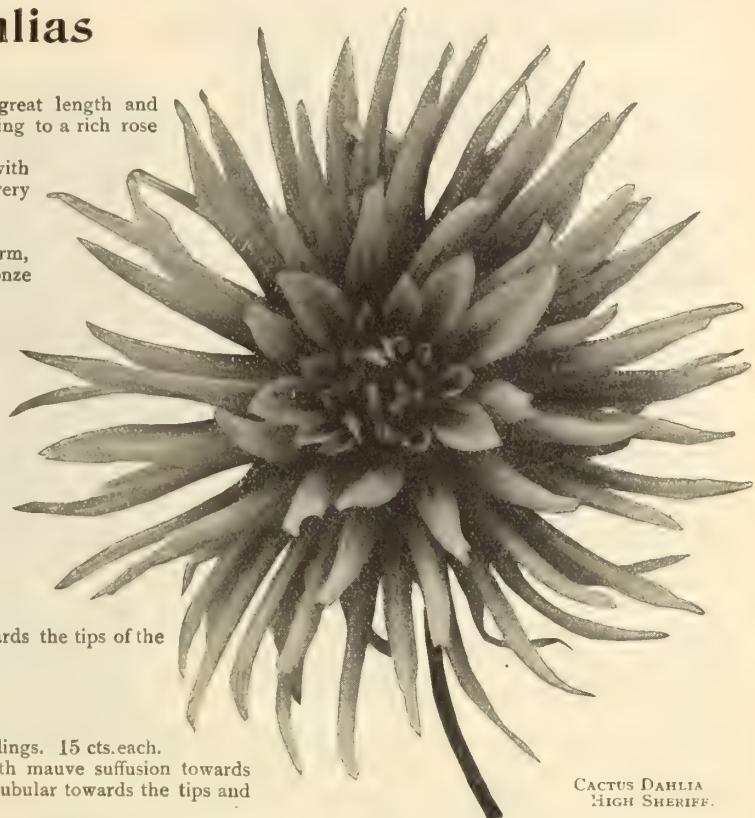
Lovely. Delicate violet rose, with creamy-white shadings. 15 cts. each.

Magnet. Distinct in color, a coppery old rose, with mauve suffusion towards the tips; a fine flower, composed of broad petals, tubular towards the tips and more or less curled or twisted. 35 cts. each.

Marathon. See page 130.

Marguerite Bouchon. We have no hesitancy in saying that this is the most beautiful Cactus Dahlia yet introduced. It is of absolutely perfect form; color a magnificent shade of brilliant, yet soft rose, with very large white centre and distinctly defined white tips. 75 cts. each.

Master Carle. See page 130.



CACTUS DAHLIA
HIGH SHERIFF.

Masterpiece. Light salmon-pink, gradually passing to sulphur yellow at the centre, flower large and very regular in form composed of long narrow petals. 50 cts. each.

Mauve Queen. See page 130.

Miss Willmott. Very free-flowering; reddish apricot shading to golden yellow at the centre; valuable for cutting and splendid for garden decoration. 25 cts. each.

Mme. Adolphe Bechet. A large flower of a tender rose color, suffused with tyrian-rose. 35 cts. each.

Mme. Bertha Gemen. A splendid flower of a rosy currant-red, suffused with naples-yellow. 35 cts. each.

Mme. Camile Pabst. A pretty deep amber-yellow, suffused salmon-rose. 25 cts. each.

Mme. Marie Doucet. See page 130.

Mons. Gemen. A brilliant fiery-red, shading deeper to the base of the petals. 35 cts. each.

Mons. Sexe. Flowers of perfect form, of a rich oriental-red, which is tipped and more or less marked and suffused with old-gold. 35 cts. each.

Mrs. Alfred Dyer. A fine variety; color lemon-yellow at centre, gradually shading to a soft rosy-pink at tips. Plants ready April 15th. 75 cts. each.

Mrs. C. G. Wyatt. See page 130.

Mrs. Ferdinand Jeffries. Rich deep velvety garnet of very large size; petals curved and twisted. 50c. each.

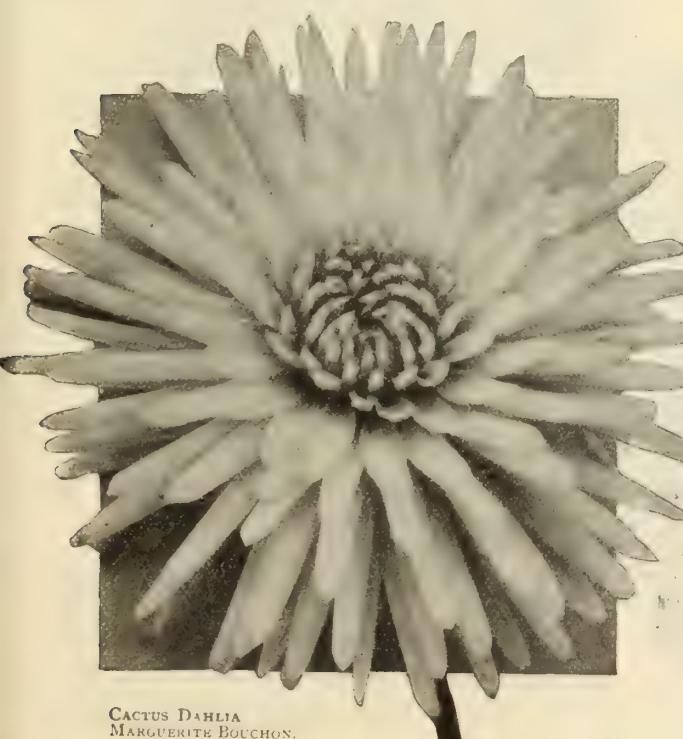
Mrs. H. J. Jones. See page 130.

Mrs. Henry R. Wirth. We have in Mrs. Wirth a splendid companion to Countess of Lonsdale, it being the first Cactus variety in our fields to flower and continues covered with perfect flowers of such fiery scarlet until the end of the season. 50 cts. each.

Mrs. Pauline MacKenzie. A beautiful autumn-tinted variety; buff with apricot shadings. 35 cts. each.

Mrs. T. J. Woodall. Pure primrose, passing to carmine-pink at the points of the petals. The charming combination of colors forms a flower of great beauty. 35 cts. each.

Nancy Mae. An intense scarlet with maroon shadings; flowers absolutely perfect; very free; an ideal cut flower. Plants ready April 15th. 50 cts. each.



CACTUS DAHLIA
MARGUERITE BOUCHON.

Choice Cactus Dahlias.

(CONTINUED).

New York. One of the largest, with long, narrow, tubular petals of a salmon-rose color with bronzy shadings. Plants ready April 15. 50 cts. each.

Nisi Prius. Bright orange scarlet with a well-defined yellow centre; the petals are long, narrow and straight; it flowers early and freely. 25 cts. each.

Pink Pearl. Mallow pink at base of petals, gradually shading to white at tip. 25 cts. each.

Prima Donna. Distinct and free, flowers large, with long, tubular twisted incurved petals, the centre ones creamy-white, the outer delicate mauve-pink; very choice. 25 cts. each.

Reform. Flowers of medium size of rich French purple with deeper shadings, holding its flowers very erect on stiff stems. 35 cts. each.

Rene Cayeux. See page 130.

Rev. Arthur T. Bridge. The colorings in this variety are extremely handsome, being a bright, clear yellow, heavily tipped and suffused with deep rose-pink. 35 cts. each.

Rev. T. W. Jamison. An exhibition flower of very large size, with long incurved petals of a bright mauve-pink, illuminated with salmon at base. 35 cts. each.

Rivalin. Narrow, long incurved petals, very full, of a delicate tender rose, very free and fine for cutting. 25 cts. each.

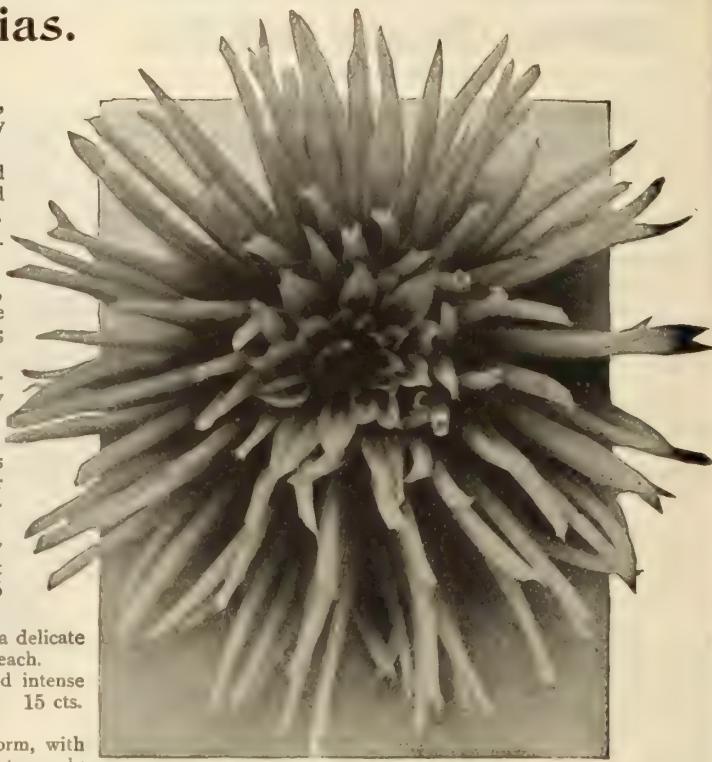
Roland von Berlin. A magnificent, brilliant and intense geranium-red, with deeper shadings and full of fire. 15 cts. each.

Rosa Siegerin. A beautiful flower of true cactus form, with long, narrow petals of a tender mauve-pink, shading to nearly white in the centre. 35 cts. each.

Rother. Rich, bright garnet; one the finest dark-colored sorts yet introduced. 25 cts. each.

Schneekonigin. A most valuable white of absolute purity, flowers of ideal form, composed of long, accurately arranged petals, held well above the foliage on good stems; a fine cut flower. 50 cts. each.

Sequoia. See page 130.



CACTUS DAHLIA REV. T. W. JAMISON.

Sherlock. See page 130.

Standard Bearer. Rich, fiery-scarlet, free and of perfect form. 15 cts. each.

Stormer. Large, perfect flowers, composed of long, almost thread-like incurved petals of a rich deep cardinal red. 35 cts. each.

Strahlen Krone. Intense cardinal-red; rich and glowing. 15 cts. each.

Success. See page 130.

Suzanne Cayeux. An exceptionally large creamy-white, with long, narrow incurved petals; with liberal cultivation it will produce wonderful exhibition flowers. 35 cts. each.

Sweetbrier. A superb variety of an exquisite shade of pink, very free, on good stiff stems. 50 cts. each.

Thais. See page 130.

The Lion. A good shaped large flower, bronzy old-rose suffused with yellow and salmon; very free and effective. 50 cts. each.

Thos. Obelin. See page 130.

Tricolor. Everybody likes Tricolor on account of its distinct and beautiful medley of colors. The ground is buttercup-yellow, with a blotch of scarlet on each petal, and as the flower matures the end of each petal becomes suffused with rosy-white, forming a pretty tri-colored combination. 35 cts. each.

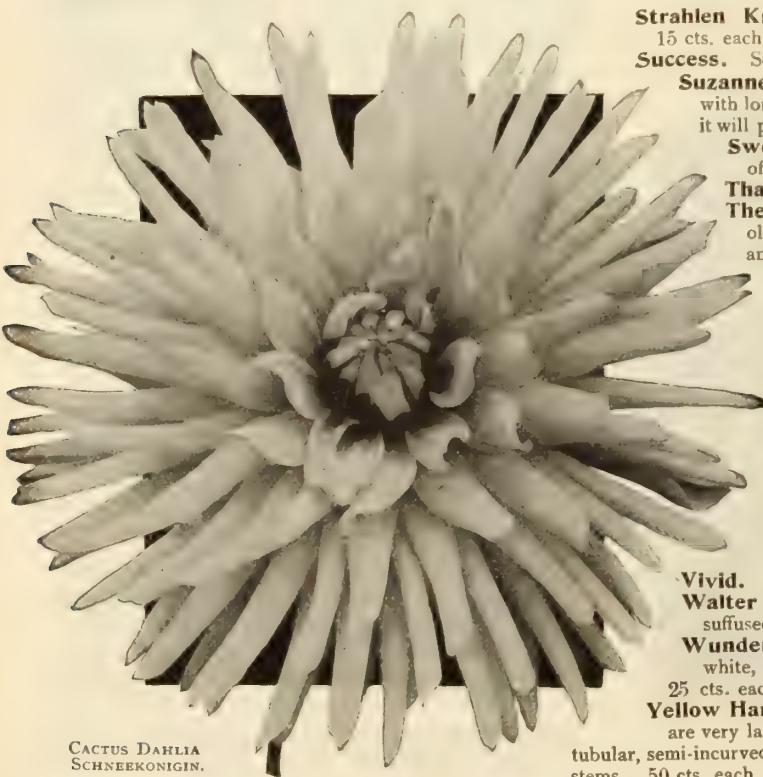
Trojan. Pale yellow, outer petals lightly suffused with salmon and sometimes tipped white, flowers very large and full, with long almost straight petals, good centre and erect habit. 25 cts. each.

Vivid. See page 130.

Walter Deegen. An intense rich and brilliant fiery-red suffused with orange, on good long stems. 25 cts. each.

Wunderkind. Luminous canary-yellow, shading to white, suffused with flesh at the edges; one of the freest. 25 cts. each.

Yellow Hammer. This is a great Dahlia, the flowers which are very large are of perfect graceful form, composed of long, tubular, semi-incurved petals of a bright primrose-yellow, on long, stiff stems. 50 cts. each.



CACTUS DAHLIA
SCHNEEKONIGIN.

SPECIAL OFFER. One each of the 75 choice Cactus Dahlias offered on pages 134 to 136 for \$20.00, or including the Dreer Collection of 25 sorts, 100 in all, for \$25.00.

Fancy Cactus Dahlias.

A distinct and showy class, in most of which the flowers are beautifully striped and variegated, as shown in the illustration.

Electric. A large sulphur-yellow with white tips, sometimes sports to a self-color either white or yellow. 30 cts. each.

Elf. Ground color salmon-rose striped and spotted with currant-red. 30 cts. each.

Fireworks. Ground color golden-yellow, striped and spotted with oriental-red. 30 cts. each.

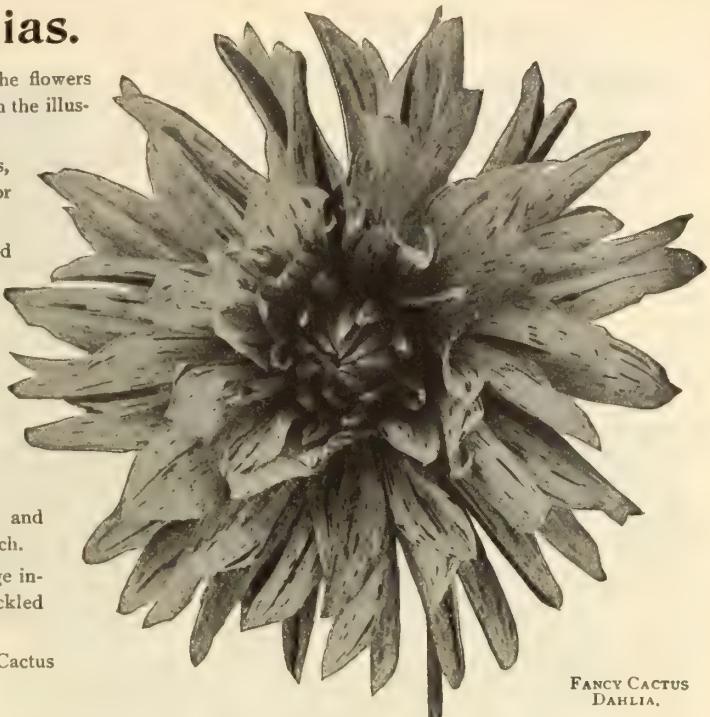
Jupiter. Ground color at base of petals yellow, passing to salmon-rose at the tips, the whole splashed and striped with crimson. 30 cts. each.

Louis Duc. A good-sized primrose-yellow, striped and penciled currant-red. 35 cts. each.

Mercury. Ground color yellow, thickly striped and spotted with crimson. Large flower. 30 cts. each.

Mrs. J. Emberson. A distinct fancy, with large in-curving flowers of a pale-lemon, splashed and speckled with rosy-pink. 30 cts. each.

Collection of one each of the above 7 Fancy Cactus Dahlias for \$2.00.



FANCY CACTUS DAHLIA.

NEW INTRODUCTIONS IN PÆONY-FLOWERED DAHLIAS.

The following represent the best of the new introductions in this beautiful class, which are yearly becoming more popular, both as cut flowers and for garden decoration. We also offer on page 138 a splendid list of the standard varieties of this type.



NEW PÆONY-FLOWERED DAHLIA
MONDSCHEIBE.

Avalanche. A splendid pure white, large but of graceful form, probably the best white of this type yet introduced. Plants ready April 15th. \$1.00 each.

Beaute de Soir. A rich combination of rosy-scarlet, carmine-lake, and currant-red with more or less golden suffusion, giving the whole a pleasing, fantastic, variegated appearance, and particularly so under artificial light; very free-flowering. Plants ready April 15th. 75 cts. each.

Duchess of Brunswick. Flowers 8 to 9 inches across, of a brilliant red, reverse of petals apricot; a distinct and beautiful variety. Plants ready April 15th. \$1.50 each.

Electra. Grows very erect and holds its flowers, which are very freely produced, well above the foliage; in color a most pleasing lavender tinted mauve. Plants ready April 15th. 50 cts. each.

Fort Hill. Early in the season it should be classed as a decorative, but as the season advances it shows the Pæony centre; it is a desirable sort in either form. The flower is very large, white with a delicate suffusion of lavender-mauve. Plants ready April 15th. 50 cts. each.

Fraulein Budde. A splendid flower of a delicate soft pink. Plants ready April 15th. 50 cts. each.

Harrismith. Deep bright pink, shading lighter towards the tips, and a trace of gold in the centre. Plants ready April 15th. 75 cts. each.

John Beresford Heaton. Golden-yellow, splashed and streaked with bright carmine; a fine cut flower. Plants ready April 15th. 50 cts. each.

Leo XIII. A deep canary-yellow, entirely distinct in form, large, very free-flowering and a valuable sort for cutting. Plants ready April 15th. \$1.00 each.

Mondscheibe. Another splendid yellow, entirely distinct from Leo XIII, being still greater in size and of a deeper color; remarkably free-flowering. Visitors to our fields noted both varieties. Plants ready April 15th. \$1.00 each.

We will supply one plant each of the 10 New Pæony-flowered varieties after April 15th for \$7.00.

BEAUTIFUL PÆONY-FLOWERED DAHLIAS.

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Pæonies in general form. They all flower very freely, and are borne on long, strong stems, making excellent material for cutting, as well as for garden decoration. The varieties offered on this page are the best of the standard sorts; for new introductions see page 137.

America. A beautiful Dahlia; pure shrimp-pink with golden suffusion; habit ideal; very free-flowering. 50 cts. each.

Andrew Carnegie. A fine, lively rose-pink.

Bertha von Suttner. Exceptionally large flowers of a salmon pink color with yellow suffusion. Plants ready April 15th. 35 cts. each.

Caecilia. Very large; early in the season, a lemon yellow, but as the season advances, a creamy-white with yellow sheen in centre. Plants ready April 15th. 50 cts. each.

Cæsar. A splendid canary-yellow. 35 cts. each.

Canary Bird. A fascinating sulphur-yellow. Flowers well placed and of great substance. Plants ready April 15th. 75 cts. each.

Chevrefeuille. Base of petals yellow, gradually passing to apricot and rose, with citron-yellow points.

Cleopatra. Rich oriental-red, base of petals primrose yellow.

Colonel Cody. Deep apricot buff with salmon-pink shadings.

Comte de la Vaule. A large flowered, free and showy garden variety of a rich carmine. 50 cts. each.

Czar Ferdinand. An excellent free-flowering variety, with good-shaped attractive flowers of a luminous reddish-purple; first-class in every way. 50 cts. each.

Dr. Peary. One of the darkest, a brilliant reddish-mahogany. 50 cts. each.

Feldberg. A splendid large white.

Fritzimann. A brilliant geranium-red, and frequently producing flowers which are variously striped and variegated white. 35 cts. each.

Fraicheur Du Matin. One of the freest flowering of this type; pure white with just a tint of yellow at the base of the petals; good stems, extra good for cutting. 50 cts. each.

Geisha. The showiest and most attractive of this type yet introduced; of strong growth, with the rich-colored flowers, which are frequently over 8 inches in diameter, standing well above the foliage. These are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold, the centre being yellow, which becomes suffused with and deepens to scarlet at the centre of the petals, shading off lighter at the edges. 50 cts. each.

Germania. Brilliant strawberry-red; a very fluffy, artistic flower.

Hampton Court. One of the best yet introduced; a bold flower of good form, of a bright mauve-pink.

Hortulanus Budde. Very free-flowering, rich rosy-scarlet. 50 cts. each.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.

Collection of one each of the 35 varieties offered above for \$12.00.



PÆONY-FLOWERED DAHLIA
GEISHA.

King Leopold. Primrose, shading lighter at edges.

Ladysmith. Very large violet-rose colored flowers, distinct and pleasing. 75 cts. each.

London. Large, bright crimson. 35 cts. each.

Mafeking. A distinct new color, fawn delicately suffused with rose. 50 cts. each.

Magnet. Rose, suffused with white. 35 cts. each.

Mannheim. Salmon-pink, illuminated with a golden sheen.

Mme. Curtelin. Very large, fluffy flower of rich oriental-red. 35 cts. each.

Mrs. G. Gordon. A splendid large lemon-yellow; one of the best.

Mrs. Violet Beamish. A gracefully arranged flower of a beautiful tender shade of heliotrope with silvery reflex. Plants ready April 15th. 75 cts. each.

Porcupine. White ground, flushed with soft rose. 35 cts. each.

Princess Royal. Yellow overlaid with a rosy sheen. 35 cts. each.

Propaganda. A splendid flower, primrose-yellow with rosy-salmon suffusion. 50 cts. each.

Queen Wilhelmina. Immense fluffy flower of pure white with yellow centre.

Rev. H. J. Kitchen. Exquisite mauve-pink with sulphur-yellow markings. 50 cts. each.

Riesen Edelweiss. Pure glistening white, frequently 6 inches across. 35 cts. each.

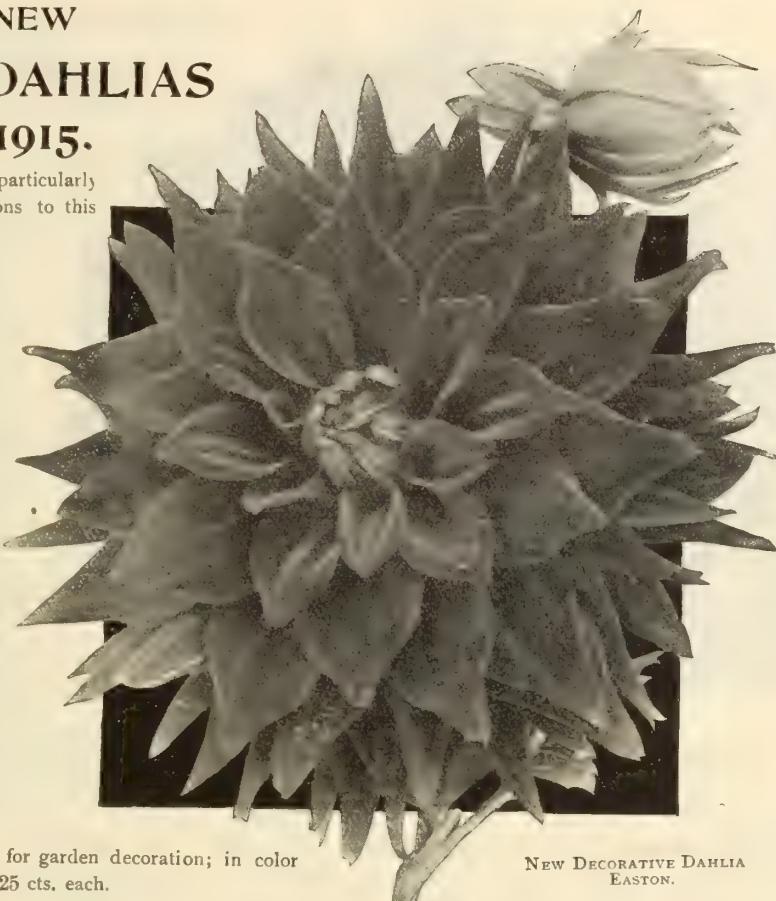
Sultan. Very dark crimson, yet bright and attractive. Petals broad and nicely formed; very free. 50 cts. each.

EXTRA CHOICE NEW
DECORATIVE DAHLIAS
of 1914 and 1915.

We offer on this and the next page a particularly fine collection of the most recent additions to this splendid free flowering and useful type of Dahlia. The varieties Breeze Lawn, Easton, Eventide, Jean Wood, Mrs. Furbush, Oregon Beauty and Paul Bonyon are American bred, and reflect great credit on home talent, they being as fine as anything imported.

Breeze Lawn. This is unquestionably the ideal red decorative Dahlia, and though it originated some five years ago, it has only been introduced in a very limited manner. Its flowers, while very large, frequently over eight inches in diameter, are not at all coarse, but have a refinement along with its rich color, an intense fiery-red that is lacking in many other popular varieties. One of the earliest and most continuous bloomers. Plants ready April 15th. \$1.50 each.

Easton. Not an extra large flower, but a variety which, on account of its brilliant color, good form and remarkable free-flowering habit, is certain to become a standard, both as a cut flower as well as for garden decoration; in color it is a brilliant Turkish or Oriental red. 25 cts. each.



NEW DECORATIVE DAHLIA
EASTON.

Eventide. A splendid flower of perfect form and large size, on long, stiff stems, which for all purposes may be termed a white Dahlia, there being but the faintest flush of delicate rose on the edge of the flower, which seems to intensify its pureness. 25 cts. each.

Freibeaute. Of all the high colored decorative garden varieties this is not only one of the earliest, but also one of the most continuous free bloomers; in color a brilliant cardinal-red, a rich glow of color from early to late. 50 cts. each.

Greuze. A large flower of graceful form, of a soft creamy-white color. Plants ready April 15th. 50 cts. each.

Guillaume de St. Victor. A good sized, beautiful mauve-rose, of fine finished form. Plants ready April 15th. 75 cts. each.

Hortulanus Fiet. A colossal flowered variety with blooms over eight inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color difficult to describe. Illustrated in connection with two other colossal Dahlias on plate page 129. \$1.00 each.

Hortulanus Witte. A very large, long stemmed, free-flowering pure white, a splendid cut flower and exhibition variety. 50 cts. each.



NEW DECORATIVE DAHLIA
EVENTIDE.

EXTRA CHOICE NEW DECORATIVE DAHLIAS

are continued on following page.



NEW DECORATIVE DAHLIA
MRS. FURBUSH.

Oregon Beauty. A brilliant gorgeous flower that attracts much attention on account of its rich color, an intense Oriental-red with golden sheen and garnet suffusion. Produces its large flowers on long stems in the greatest profusion. A splendid garden variety. 50 cts. each.

Paul Bonyon. The autumn tints in Dahlias are always sought after. In Paul Bonyon we have one of the most desirable of this class; a beautiful salmon-pink, with a luminous golden sheen. The flowers are large, perfect in shape and very freely produced on long stems. 50 cts. each.

Prinzessin Irene von Preussen. Very large but graceful pure white, on stout stems held well above the foliage; an effective garden variety. Plants ready April 15th. 50 cts. each.

Priscilla. Good shaped flowers of a pleasing violet-rose color on good stiff stems; an attractive garden variety. 50 cts. each.

Zeppelin. Entirely distinct; a pleasing soft shade of violet-mauve with silvery suffusion; flowers of medium size, of good form and very free-flowering. 50 cts. each.

SPECIAL OFFER.

We will supply one each of the 17 Extra Choice New Decorative Dahlias offered on page 139 and above for \$8.00.

DREER'S THREE COLOSSAL DAHLIAS.

Shown on the plate, page 129, and described on pages 128 and 139, are of unusual merit.

Price, \$1.00 each, or the set of 3 for \$2.50

Extra Choice New Decorative Dahlias of 1914 and 1915. *Continued.*

Imperator. A variety that came to us from Continental Europe, where it has attracted much attention and favorable comment on account of its superior decorative qualities. The flowers, which are from 6 to 7 inches in diameter, and quite distinct in form, are held in a vertical position on stout stems with no inclination of any weak neck, making it a most valuable cut flower. In color it is described as a soft ivory-white with the outer edge of the petals suffused with soft rose-mauve. Unfortunately our own trials were planted in an unfavorable position, where we were unable to judge its merits, but from the wide endorsement given it in Europe we have no hesitancy in recommending it. Plants ready April 15th. \$1.00 each.

Jean Wood. Probably a seedling of Mme. Van den Daele and similar in color, a delicate silvery-rose, but a much shaplier flower than its parent, being of true decorative form. An early, free and constant bloomer. 50 cts. each.

Meteor. An attractive, showy, fancy variety; the ground color a brilliant cardinal-red, edged and marked with primrose-yellow. The flowers are not large, three-and-one-half inches in diameter, but are of perfect form and very freely produced on long, stiff stems. Plants ready April 15th. 50 cts. each.

Mrs. Furbush. The best dark variety, a rich purplish-garnet with maroon shadings; flowers of good size and form, on stiff, wiry stems; an early, free and continuous bloomer. 35 cts. each.



NEW DECORATIVE DAHLIA
METEOR.

Select Decorative Dahlias.

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted, but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large, perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds; furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions; a combination which assures their continued popularity.

Athalia. Rich ox-blood red with maroon shadings, a fine flower of giant size, very free. 50 cts. each.

Auguste Nonin. A very large flower of fiery-red, borne on long, stiff stems; valuable for cutting or garden decoration. 25 cts. each.

Autumn Glow. A large, full flower of fine form, primrose-yellow with bronze shadings; a fine cut flower. 50 cts. each.

Beloit. Particularly effective on account of its very large flowers, borne on long stems; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. 35 cts. each.

Brentwood Yellow. A new, compact growing variety, remarkably free-flowering, deep primrose-yellow of perfect form. Plants ready April 15th. 75 cts. each.

Calypso. Large flowers, the petals of which are peculiarly curled and twisted, of a rich, dark, purplish-crimson, a very attractive flower, sometimes shows a centre like the Peony-flowered varieties, but desirable in either form; very free-flowering. Plants ready April 15th. 50 cts. each.

Chanteclet. Ground color cadmium-yellow, striped, splashed and spotted with deep carmine-red; a very pretty fancy variety. 30 cts. each.



DECORATIVE DAHLIA
DELICE.

Clifford W. Bruton. A fine, bright yellow. 20 cts. each.

Columbine. A new and novel sort, ground color pale lilac-rose, shaded, striped and speckled with light carmine. Plants ready April 15th. 50 cts. each.

Crown of Gold. A brilliant glowing Chinese-orange with golden suffusion, rich and pleasing. 25 cts. each.

Delice. The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden. 25 cts. each.

Flamingo. As a cut flower this ranks with Delice; the flowers are held erect on stiff stems of a rich and glowing rose-pink, while it frequently shows an open centre; this does not detract from its beauty. 50 cts. each.

F. L. Bassett. Carmine-purple, shading deeper at the centre. 20 cts. each.

Gaiety. A good variegated or fancy variety; in color a bright strawberry-red, each petal having a broad band of white through the centre. Illustrated on the plate shown on page 131. 25 cts. each.

Gloire Lyonnaise. A bright golden-yellow flamed with rosy carmine at the points; very effective. 25 cts. each.

Golden West. One of the best, large primrose-yellows, very full double flowers with petals cleft at the tips; very free-flowering. 35 cts. each.

Henry Patrick. A popular white cut flower. 20 cts. each.



DECORATIVE DAHLIA FLAMINGO.

SELECT DECORATIVE DAHLIAS

are continued on page 142.

Select Decorative Dahlias.

Continued.

Jack Rose. Brilliant crimson-red, similar in shade to the popular "Jack" Rose, which suggested its name; perfect for garden decoration or for cutting. 20 cts. each.

Jeanne Charmet. A splendid cut flower variety of a pleasing shade of violet-rose on a lighter ground. 35 cts. each.

Joseph Rocher. One of the earliest to flower, of very perfect form on long, stiff, wiry stems and of a rich, deep garnet color. \$1.00 each.

Kaiserin Augusta Victoria. The first of the decorative sorts to come into flower, of medium size, good form and pure white color. 35 cts. each.

Kupferberg Gold. A beautiful Dahlia of a sparkling color difficult to describe, a pretty shade of shrimp-pink with old rose and gold suffusions. 50 cts. each.

Le Grand Manitou. The best variegated Dahlia of the decorative type. The ground color white, prettily spotted, striped and blotched with deep reddish-violet; occasionally self-colored; these are borne on stout, stiff stems, held well above the foliage. 50 cts. each.

Lyndhurst. Brilliant cardinal-red. A fine cut flower. 20 cts. each.

Maman Rozain. Flowers very large size, but graceful, of a pearly-white suffused with rose, reverse of petals velvety-purple edged with white; a most distinct and novel variety. 50 cts. each.

Manzanola. Brilliant oriental-red with deeper shadings, a fine shaped flower with good stem, very free and ideal for cutting. 25 cts. each.

Meadow Gold. A fine large flower supported on long stiff stems, color primrose-yellow faintly tinged with pink on the outer petals. Plants 25 cts. each.

Miss Minnie McCullough. One of the most popular cut-flower varieties now grown; particularly valuable for use under artificial light. Color soft yellow, overlaid with bronze; a beautiful autumnal tint. 20 cts. each.

Mme. A. Lumiere. A very distinct and attractive variety; ground color white, suffused towards the ends of the petals with red, the tips pointed with bright violet red. 25 cts. each.

Mme. Van den Daele. A charming soft rose with deeper markings, shading to white in the centre; a beautiful sort for cutting. 25 cts. each.

Mont Blanc. An early, free, continuous flowering creamy-white on good stiff stems. One of the most important cut-flower varieties. 25 cts. each.

Mrs. C. W. Bassett. A pleasing, delicate mauve-pink, exceptionally free-flowering on good stiff stems, fine for cutting. 35 cts. each.

Mrs. Chas. L. Seybold. Ground color crimson-carmine, each petal tipped and more or less marked with white; produced very freely. 35 cts. each.

Mrs. J. Gardner Cassatt. A large-flowered variety of elegant shape, mauve-pink of a shade that is very pleasing in a Dahlia; a fine cut flower. 25 cts. each.

Mrs. Roosevelt. Of immense size and remarkably free-flowering; color a delicate silvery-rose, which is very attractive when cut. 25 cts. each.

Orange King. Rich, glowing orange-scarlet. 20 cts. each.

Ouray. Rich, deep velvety maroon of good form, very free-flowering. 25 cts. each.

Papa Charmet. A large flower of rich, deep morocco-red with bright garnet shadings. 25 cts. each.



DECORATIVE DAHLIA OURAY.

Perle de Lyon. A most valuable white Decorative Dahlia, and one of the best whites of any class for cut-flower purposes; its flowers are of good size, and held erect on long, stiff, wiry stems. 25 cts. each.

Prince Danilo. Refined flowers of medium size; ground color a creamy-salmon deeply suffused with carmine rose. 50 cts. each.

Princess Juliana. While we cannot agree with the European growers that this new sort is in white as important as 'Delice' is among the pink varieties, we must admit it is one of the very promising cut-flower sorts, and on account of its early and free-flowering habit and neatly formed flowers will be appreciated by the amateur. 35 cts. each.

Riese von Stuttgart. Probably the largest Dahlia of this type; a seedling of Souvenir de Gustave Doazon, which it exceeds in size, frequently measuring 8 inches and over in diameter; in color a bright blood-red, shading deeper to the centre. 35 cts. each.

Souvenir de Gustave Doazon. Of mammoth proportions, which, under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth, remarkably profuse-flowering and pure red in color. 25 cts. each.

Sylvia. Soft, pleasing mauve-pink, gradually changing to white in the centre. A fine cut flower. 20 cts. each.

Ulysse. Rich velvety maroon with almost black shadings. The flowers are perfect in form, the petals being very gracefully arranged, making it with its stiff stems an ideal cut-flower. 50 cts. each.

Wm. Agnew. Rich, dazzling carmine red. A standard cut-flower variety. 20 cts. each.

Yellow Colosse. Flowers of very large size, of perfect form, pure primrose yellow. 25 cts. each.

SPECIAL OFFER.

We will supply one each of the 47 Select Decorative Dahlias offered on pages 141 and 142 for \$12.20.



SHOW DAHLIA
CALEB POWERS.

John Walker. An elegant pure white. 25 cts. each.

Le Colosse. Of immense size and very free-flowering, water-melon-red in color. Plants ready April 15th. 50 cts. each.

Miss Minnie Vosburg. The freest-flowering white show variety yet introduced, coming into bloom early and continuing of good quality till the end of the season. The flowers ordinarily are about the same size as John Walker when well grown, being perfect white balls, always having a good, full centre. 25 cts. each.

Mme. Alfred Moreau. The most perfect large pure mauve-pink; a splendid flower.

Mrs. Jefford. A fine, large, bright primrose-yellow of perfect form. 25 cts. each.

Princess Victoria. A sterling variety, being the earliest and freest-flowering primrose yellow; never produces an imperfect flower and is in bloom early and late; long, stiff stems; fine for cutting.

Red Hussar. Pure cardinal-red.

Susan. A beautiful, delicate, soft-shell pink, of splendid form, remarkably early and free-flowering, with long stems; splendid for cutting. 30 cts. each.

Triomphe de Solferino. Bright solferino-red, dwarf, free-flowering.

W. W. Rawson. An exceptionally fine shaped, massive, large, double flower, which is produced on long stems; color pure white, delicately overlaid with mauve. 50 cts. each.

White Swan. Good free-flowering white.

Yellow Duke. A splendid primrose-yellow, of good form and always in flower; fine for cutting.

Yellow Livoni. Undoubtedly the most perfectly quilled Dahlia grown; flowers of medium size, but very perfect, of a soft lemon-yellow. 25 cts. each.

Price. Any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Collection of one each of the above 23 varieties for \$5.00.

CHOICE DOUBLE SHOW DAHLIAS.

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form and very free-flowering.

Arabella. Light sulphur-yellow, shaded peach-blossom on edges; a fine flower.

Caleb Powers. Best described as an improvement in size, coloring, and even in earliness, to the popular variety, Susan, offered in this list, a delicate shell-pink of splendid form. 50 cts. each; \$5.00 per doz.

Chas. Lanier. The largest deep yellow Show Dahlia to date. Very rich yellow and fine for cutting.

Cuban Giant. Immense ball-shaped blooms of bright maroon; free and early.

Dorothy Peacock. Large, perfect shaped flowers of a bright sea-shell pink color; very early, free and continuous blooming. 50 cts. each.

Dreer's White. Introduced by us in 1909, and unquestionably the most valuable show Dahlia sent out in many years. In color a pure glistening white, and resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has in most cases been awarded the premier prize as the finest white show variety. 50 cts. each.

Emily. Solferino, with white markings; very large and free-flowering.

Grand Duke Alexis. Large, massive flowers, ivory-white, with a faint tinge of rose at the extremities of the petals. 25 cts. each.

Isis. A new sort of immense size, large petals, full double, orange-scarlet suffused with carmine, with golden sheen at the tips. Plants ready April 15th. 35 cts. each.



SHOW DAHLIA MISS MINNIE VOSBURG.



NEW POMPON DAHLIA NERISAS.

Duchess of Cambridge. Base of petals white suffused pink, heavily tipped dark crimson.

Lucy Fawcett. Sulphur-yellow, striped and spotted carmine-rose.

Miss Browning. A perfectly-formed flower, a canary-yellow, tipped with white.

Peeress. Buttercup-yellow with heavy tip of deep fiery-red.

Professor Mansfield. Rich yellow; clear white tips and rosy-red towards the centre. Like all fancy varieties the color is very variable. 25 cts. each.

Price. Any of the above, except where noted, 20 cts. each. \$2.00 per doz.

Collection of one each of the 7 varieties, \$1.25.

Choice Old-fahioned Single Dahlias.

Blackbird. Black velvety-maroon with a bright red spot at the base of each petal.

Gaillardia. Golden-yellow with a broad red band around the golden disc, resembling Gaillardia Grandiflora. 25 cts. each.

Polly Eccles. Pure apricot with yellow shadings with a halo of poppy-red around the yellow disc.

St. George. A pretty primrose-yellow.

Wildfire. Brilliant poppy-scarlet of large size.

Price. Except where noted, 15 cts. each; \$1.50 per doz. Set of 5 sorts for 65 cts.

Two New Pompon Dahlias

The advance in this miniature type of Dahlias has not kept pace with the other classes, and it is only occasionally that we have a novelty to offer; but in the varieties Nerissa and Gretchen Heine we have two perfect gems, which should be included in every collection. The plants are of ideal habit and are always loaded with flowers, not over two inches in diameter, and of the most perfect form.

Nerissa. A beautiful shade of lively mauve-pink that appeals to everyone and which shows up particularly pleasing under artificial light.

Gretchen Heine. A good companion to Nerissa; ground color a rose-tinted white; each petal heavily tipped crimson-carmine.

Price. Either of the above, plants ready April 15th, 30 cts. each; the pair for 50 cts.; \$8.00 per doz.

GENERAL COLLECTION OF

Double Pompon Dahlias.

Annie Doncaster. Light yellow, base suffused with pearly pink.

Catherine. Well formed primrose yellow.

Crimson Queen. Deep crimson, shaded purple.

Darkness. Deep velvety-maroon.

Doctor Hirschbrunn. Deep rose-lilac, of fine form.

Helene Lambert. A splendid free-flowering yellow of splendid shape.

Indian Chief. Crimson, very free.

Kleine Domitea. Orange buff; always in flower.

Kupfer. Copper bronze, of perfect form.

Little Bessie. Creamy-white, closely quilled.

Little Herman. Deep carmine, shaded garnet, tipped white.

Little Naiad. White tipped amaranth red.

Snowclad. A fine pure white.

Ware's Mars. Beautiful deep red of fine form.

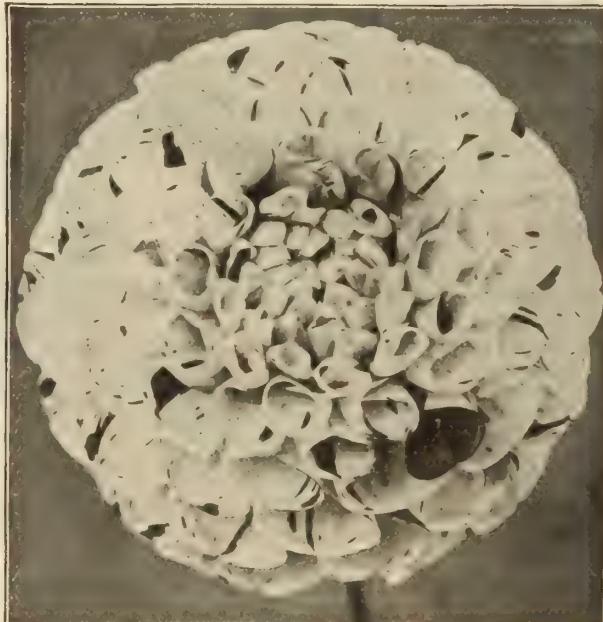
Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Collection of one each of the 16 Pompon Dahlias, including the 2 new sorts, for \$2.00

Choice Double Fancy Dahlias.

Chameleon. Flesh-colored centre, shading to crushed strawberry, with yellowish blending.

Frank Smith. Intense purplish-maroon, shading almost to black; each petal tipped with white.



TYPE OF FANCY DOUBLE DAHLIA.

NEW CENTURY SINGLE DAHLIAS.

These magnificent single varieties are all of free-branching habit, flowering early, profusely and continuously throughout the season; flowers 4½ to 6 inches across on stems 3 feet long, and when cut keep in good condition for many days.

Anna Long. A beautiful pink with silvery white suffusion, one of the best.

Eckford Century. A counterpart in single of the double fancy variety Lottie Eckford, a pure white which is spotted and pencilled with crimson. The largest of the Century varieties. 50 cts. each.

Fringed Century. Intense rosy crimson with lighter markings, fringed or cleft petals.

Golden Century. A splendid large primrose-yellow. 35 cts. each.

Hazel Heiter. Bright crimson-carmine with deeper shadings, base of petal canary-yellow.

Jack. Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow; the freest flowering Dahlia grown.

Mrs. J. C. Hance. One of the prettiest, very large, well-rounded flowers; early in the season it is white slightly flushed and tipped with soft rose-pink, later in the season the entire flower is a tender rose-pink. 25 cts. each.

Rose-Pink Century. Flowers 6 inches and over in diameter, of a clear rose-pink color; a strong grower with long stiff stems, fine for cutting. 25 cts. each.

Scarlet Century. Brilliant scarlet, golden disc.

Spanish Century. Primrose-yellow, striped, pencilled and spotted with deep carmine-red. 35 cts. each.

Twentieth Century. Early in the season an intense rosy-crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white, suffused with soft pink.

Price. Any of the above, except where noted, 20 cts. each; \$2.00 per doz. Set of one each of the 13 varieties for \$3.00.



ROSE-PINK
CENTURY DAHLIA.

White Century. Pure white with large, heavy, overlapping petals of good texture. 35 cts. each.

Wildfire Century. Brilliant cochineal-red with orange-scarlet suffusion, habit dwarf and free. 35 cts. each.

These differ from the single Century type in having two or more rows of petals, while still retaining the general appearance and characteristics of the original type; they are splendid varieties, both for cutting as well as for garden decoration; all very free-flowering.

Centaure. Brilliant orange-red, shaded crimson, of very large size.

Merry Widow. Exceptionally bright, deep scarlet flowers of a very large size; effective for massing.

Prairie Fire. A rich poppy-red, very free. Nothing equals this for a mass of brilliant color.

Sensation. A gorgeous flower, brilliant vermillion-red, heavily tipped with white.

Price. Any of the above, 25 cts. each; \$2.50 per doz. Set of 4 sorts for 85 cts.

Do not fail to try the

THREE COLOSSAL DAHLIAS

Shown on plate, page 129, or the

SIX INCOMPARABLE DAHLIAS

Shown on plate, page 131



GROUP OF COLLERETTE DAHLIAS.

COLLERETTE DAHLIAS.

With few exceptions the Collerette Dahlias are of French origin, where they have been very popular for some years. In our own grounds and exhibits during the past three seasons they were much admired, and we are convinced of their coming popularity here.

Anyone only familiar with the first introductions of this type can form no idea of the beautiful artistic blending of soft and rich colors which is found in most of the newer sorts. All have single flowers with an additional row of short petals around the disc, this forming a frill or collar, which is usually of a different color from the rest of the flower.

Balmoral. Deep aniline-red shaded purple, with long narrow white collar petals; a very perfect round flower with massive petals. Plants ready April 15th. 50 cts. each.

Capella. Luminous reddish maroon intensified by the pure white collar. Plants ready April 15th. 35 cts. each.

Cocarde Espagnole. A new and novel variety, the large perfect flowers of which both the petals and collar are a brilliant combination of red and gold. Plants ready April 15th. 50 cts. each.

Comte Cheremeteff. Vermilion-red shading to orange at tips; creamy-white collar.

Diadem. One of the finest; flowers very large, of a brilliant carmine-rose, the collar is white with light carmine markings.

Diomede. Ground white, suffused and touched with blotches of brilliant purple-red, centre yellow, collar petals white, very attractive.

Director Rene Gerard. Flowers 5 inches in diameter and perfect, ground color creamy-white suffused and marked with French purple; very long narrow creamy-white collar petals.

Mme. Gygax. Very conspicuous on account of its rich coloring; a bright cochineal-red, passing to yellow tips and exceptionally long primrose-yellow collar petals.

Mons. L. Ferard. Flowers perfect, $4\frac{1}{2}$ inches in diameter, ground color rich purplish-garnet, edged and marked white, collar white with carmine markings.

Queen Bess. Brilliant cochineal-red with large pale yellow collar; a semi-double flower, entirely distinct. 50 cts. each.

Signorina Rosa Esengrini. Heavy shell-like petals forming a large perfect flower of a bright lemon-yellow suffused and marked with orange-scarlet, collar petals very abundant of a bright lemon-yellow.

Souvenir de Chabanne. Very showy, 5 to 6 inches in diameter, ground color lemon-yellow with coral-red markings, collar petals very abundant and long, lemon-yellow tipped white.

Souvenir de Rene Bernardreau. Bright carmine with sulphur-yellow centre, collar petals of same color suffused with carmine.

Price. Any of the above, except where noted, 30 cts. each; \$3.00 per doz.

A collection of one each of the 20 varieties for \$5.00.

DREER'S THREE COLOSSAL DAHLIAS

Shown on plate, page 129, and described on pages 128 and 139, are extra fine.

DREER'S "SIX INCOMPARABLE" DAHLIAS FOR GARDEN DECORATION

Shown on plate, page 131, and described on pages 128, 130 and 141, are kinds that always do well.

DIEFFENBACHIAS.

Handsome decorative plants, with bold, ornamental foliage; useful for the warm conservatory.

Bowmanni. Rich deep green leaves, blotched with irregular markings of light pea-green.

Leonei. An effectively marked new variety with large leaves, apple-green ground color, irregularly bordered and blotched with dark drab-green.

Magnifica. Shining sombre green foliage, variegated with white blotches and spots.

Memoræ Corsi. Leaves silvery-white, veined green.

Picta. Dark green with numerous white spots.

Price. 50 cts. each. Set of 5 sorts, \$2.00.

DRACÆNAS.

This plant is better adapted to the greenhouse, or conservatory in which the temperature and moisture can be controlled, than it is to the window-garden, where the air is almost always dry and the temperature fluctuating. Such varieties, however, as *Fragrans*, *Massangeana*, and *Indivisa* can be grown quite satisfactorily in the living-room.

The Dracæna should be given a light, fibrous soil, with just enough loam in it to give it body. Drainage should be good. Watering should be liberal and showering frequent. The variegated sorts require plenty of light to bring out the richness of their coloring.

Amabilis. Foliage bright glossy green, marked and suffused with pink and creamy-white. 50 cts. and \$1.00 each.

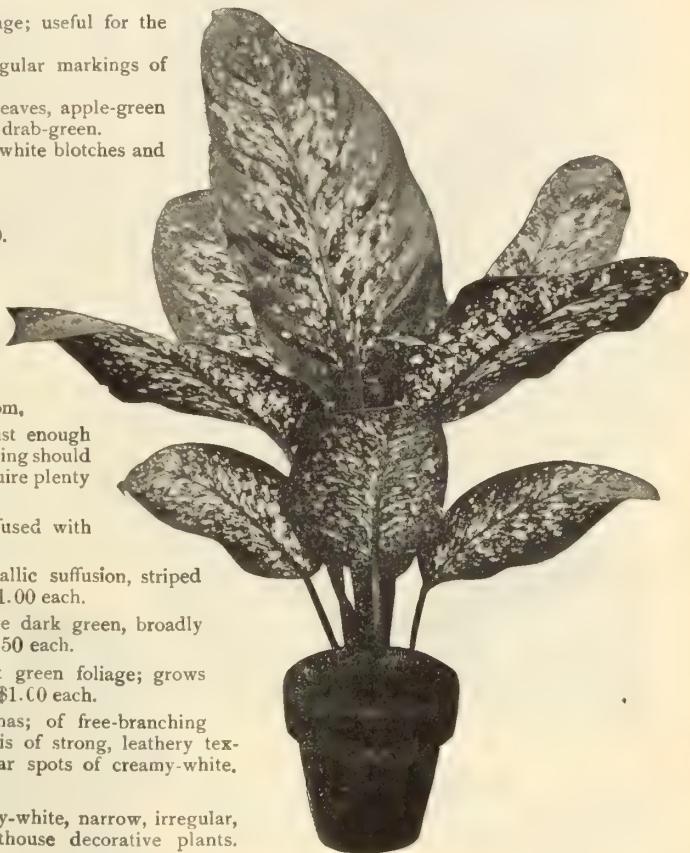
Baptistii. Broad, recurved foliage, deep green, with metallic suffusion, striped and marked with creamy yellow and pink. 50 cts. and \$1.00 each.

Doucetii. A beautiful variegated form of *Indivisa*, foliage dark green, broadly edged with creamy white. Fine plants in 6-inch pots, \$2.50 each.

Fragrans. An excellent house plant, with broad, dark green foliage; grows under the most adverse conditions. 25 cts., 50 cts., and \$1.00 each.

Godseffiana. Entirely different from all other Dracænas; of free-branching habit, forming compact, graceful specimens. Its foliage is of strong, leathery texture; rich, dark-green color, densely marked with irregular spots of creamy-white. 3-inch pots, 25 cts. each.

Goldieana. Dark green, broad foliage, marked with creamy-white, narrow, irregular, transversed blotches and stripes; one of the finest hothouse decorative plants. \$1.50 each.



DIEFFENBACHIA.

Imperialis. Robust growing, dark-green foliage, with bright pink shadings and edgings in the young growth. 50 cts. and \$1.00 each.

Indivisa. This variety is used very extensively as a centre plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other plants. 25 cts., 50 cts. and \$1.00 each. Large specimens \$2.00 to \$3.00 each.

Knerkii. Dark glossy green leaves; makes a bold specimen, and is a good house plant. \$1.00 to \$2.50 each.

Massangeana. A beautiful variegated form of *Fragrans* with broad, green foliage, with a broad, golden-yellow band through the centre of each leaf. 50 cts. to \$3.00 each.

Rothiana. Recurved glaucous green foliage. 50 cts. to \$1.00 each.

Sanderiana. A graceful variety, with glaucous green foliage, edged with a broad border of creamy-white. 25 cts. each.

Shepherdii. Foliage green, becoming striped with a peculiar bronzy orange hue; makes a fine specimen. 50 cts. and \$1.00 each.

Terminalis. Rich crimson foliage; marked with pink and white. 30 cts., 50 cts. and \$1.00 each.

Youngii. A strong, growing, showy sort. Foliage bright green when young, changing to a pleasing metallic bronze. 50 cts. and \$1.00 each.

ECHEVERIA.

Secunda glauca. The blue-green-leaved variety so much used in carpet bedding. 15 cts. each; \$1.25 per doz.; \$8.00 per 100.

EUCHARIS.

Amazonica. A splendid hothouse plant. It sends up stalks bearing several pure white star-shaped flowers, 4 inches across, delightfully fragrant, and highly prized as a cut-flower. 30 cts. each; \$3.00 per doz.



DRACÆNA.



FICUS ELASTICA (RUBBER PLANT).

EUGENIA.

Microphylla. A pretty little plant with small, dark green foliage, excellent for Fern dishes or window garden. 50 cts. each.

EURYA.

Latifolia Variegata. An evergreen Shrub with rich, dark green foliage, which is beautifully variegated with creamy white; an excellent plant for house decoration. 50 cts. each.

FARFUGIUM.

Grande (Leopard Plant). This is an extremely ornamental plant. Its large, circular leaves, thickly spotted with creamy-white and yellow, make it wonderfully effective for room decoration. It likes a soil of loam and mucky matter, half and half, with a good deal of water. Ample provision, however, should be made for drainage. Once a month apply a fertilizer, as it is a gross feeder when allowed to have its way. Keep it in the shade. 25 cts. each; \$2.50 per doz.

Argenteus. A rare variety, with glaucous green foliage, which, instead of being spotted, is edged with creamy-white; very pretty. 50 cts. each.

FITTONIA.

Trailing plants, with handsome variegated foliage; most useful in the conservatory for planting on surface of pots or tubs containing specimen plants.

Argyronoeura. Vivid green, with network of pure white veins. 25 cts. each.

Verschaffeltii. Bronzy-green with pink variegation. 25 cts. each.

FUCHSIAS.

Well-known favorites for planting out in partially shaded positions during the summer or for early spring-flowering in the window or greenhouse. The following is a selection of six of the finest varieties. Those marked with a "*" are double-flowering.

Black Prince. Bright, waxy, carmine sepals and pink corolla.

*** Bland's Striped.** Tube and sepals crimson, corolla purple striped rose.

*** Elm City.** Crimson tube and sepals, dark blue corolla.

*** Mme. Van der Straus.** Sepals long and reflexed, pure red; large white corolla.

*** Purple Prince.** Sepals bright red, beautiful purple-blue corolla.

Wave of Life. Golden foliage, carmine sepals and purple corolla.

Price, 10 cts. each; \$1.00 per doz. Set of 6 sorts, 50 cts.

FICUS (Rubber Plant).

Elastica. The well-known Rubber Plant. 4-inch-pot, 10 inches high, 50 cts. each; 5-inch pot, 15 inches high, 75 cts. each; 6-inch pot, 24 inches high, \$1.00 each.

Altissima. In general appearance similar to F. Elastica, but with smaller dark green, glossy foliage, with white veins. 50 cts. each.

Pandurata (The Majestic Rubber Plant). A truly majestic plant. Its gigantic leaves, which frequently measure 10 inches in width by 15 inches in length, are irregular in outline, and of a rich, deep green, of remarkable substance, enabling the plant to flourish under the most unfavorable conditions. One of the finest foliage plants. Specimen plants, 2½ feet high, \$3.00 each; 4 feet high, \$5.00 each.

Parcelli. Large, deep-green leaves, marbled with white; a pretty plant for the warm conservatory. 50 cts. each.

Repens. A trailing or creeping variety, with small foliage; useful for baskets, covering greenhouse walls, etc. 25 cts. each.

— **Minima.** A variety of the above with much smaller leaves. 25 cts. each.

Utilis. A species that came to us through the Botanical Gardens at Washington, and which promises to be a valuable plant for apartment decoration. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardiness.

The leaves are thick and leathery, from 9 to 10 inches long, one-half as wide, of a rich holly green, with midrib and principal veins of an ivory - white. Strong plants, 75 cts. each.



FARFUGIUM GRANDE.

DREER'S**Hints on the Growing of BULBS**

A new book which tells all about bulbs, both winter, spring and summer blooming kinds. Price, 50 cts.



FUCHSIA.

NEW AND RARE FERNS.

Adiantum Farleyense **Gloriosa.**

(Ruhm von Mordrecht, or Glory Fern.)

An easy-growing form of that most beautiful of all Maiden-Hairs, *Adiantum Farleyense*, which, on account of its special requirements in atmospheric and temperature conditions, has been limited in its cultivation to specialists. This new variety, which is identical in every particular, has a stronger constitution, and may be successfully grown under the same conditions as any ordinary form of the Maiden-Hairs, a decided and great advantage, which will assure for it widespread popularity. Good plants in 3-inch pots, 25 cts. each; \$2.50 per doz. 4-inch pots, 50 cts. each; \$5.00 per doz. 6-inch pots, \$1.50 each.



POLYPODIUM MANDAIANUM.

Asplenium Nidus Avis.

(The Birds' Nest Fern.)

An interesting species, with large, dark green foliage. (Illustrated on page 150.) 4-inch pots, 50 cts. each.

CYRTOMIUM ROCHFORDIANUM

(New Crested Holly Fern.)

Next to the Boston Ferns, the Holly Fern is the most satisfactory for apartment use, and this new variety has made a place for itself in the first rank as a decorative plant. Its foliage is of rich, glossy, dark green; the pinnae or leaflets, besides being wavy or undulated on the edges, are also deeply cut or toothed, giving the plant a graceful and light appearance. 3-inch pots, 15 cts. each. 4-inch pots, 25 cts. each.

POLYPODIUM MANDAIANUM.

This beautiful Fern originated as a seedling of *P. Aureum* and is similar in habit of growth to its parent, producing on well-grown plants fronds from 2 to 3 feet long, on which all of the pinnae is beautifully fringed or laciniated; entirely distinct from all other varieties; it makes a handsome specimen grown either in a pot or a hanging basket. 4-inch pots, \$1.00 each. 5-inch pots, \$2.00 each.



THE GLORY FERN (Adiantum Farleyense Gloriosa).

POLYPODIUM GLAUCUM CRISTATUM.

A perfect gem and entirely distinct from all other Ferns, and a splendid subject to grow into specimen plants; the fronds attain a height of about 2 feet, and are of a metallic glaucous blue color, with the edges of the pinnae wavy and crisped, giving the plant a graceful, unique appearance. \$1.00 each.

PTERIS CHILDSII.

The most beautiful of all the Pteris. The fronds are large, with the pinnae deeply dentated and undulated on the edges and crested tips. 4-inch pots, 75 cts. each.

PTERIS PARKERI.

A giant form of *P. Majus*, with which as a plant for the house everyone will be pleased; its dark green foliage with metallic lustre gives it a distinctive appearance not found in any other variety. 4-inch pots, 25 cts. each.

Pteris Wimsetti Distinction.

A new and graceful variety, with light green, gracefully crested fronds; a splendid decorative plant. 4-inch pots, 35 cts. each.



CYRTOMIUM ROCHFORDIANUM (New Crested Holly Fern).

Dreer's General Collection of Fine Ferns.

Our collection of Ferns is the most extensive in the country. We annually produce over two millions of these plants, which shows their great popularity. (For New and Rare sorts see page 149.)

Adiantum Bellum. A pretty crested sort. 15 cts.

— **Æmulum.** 25 cts.

— **Croweanaum.** The hardiest Maiden Hair for home culture. 25 cts. each.

— **Cuneatum.** The popular Maiden Hair. 15 cts. and 25 cts.

— **Grandiceps.** A beautiful crested form. 15 cts.

— **Farleyense.** The finest of all Maiden Hairs, but will not succeed as a window plant, requiring the moist atmosphere of the greenhouse. 25 cts., 50 cts., \$1.00 and \$1.50 each.

— **Hybridum.** 25 cts.

— **Macrophyllum albo striatum.** The prettiest of the variegated Maiden Hairs. Mature fronds deep green, striped white, young fronds bronzy-rose. 25 cts. each.

— **Mundulum.** 25 cts.

— **Reginæ.** 25 cts.

— **Rhodophyllum.** 25 cts.

— **Rochfordianum.** 15 cts.

— **Sanctæ Catharinæ.** 25 cts.

— **Scutum.** 25 cts.

— **Trapeziformis.** 50 cts.

— **Weigandi.** A pretty little crested species, 25 cts. each.

Alsophila Australis (*Australian Tree Fern*). 25 cts.

Aspidium Tsussimense. One of the best for Fern dishes. 15 cts.

Blechnum Brasiliensis. A desirable dwarf Tree Fern. 15 cts.

— **Occidentale.** A desirable dwarf Fern. 15 cts.

Cibotium Schiedei. One of the most desirable and valuable Ferns in cultivation. 50 cts., \$1.00, \$1.50 and \$5.00 each.

Cyrtomium Caryotidium. 15 cts.

— **Falcatum** (*Holly Fern*). 15 cts. and 25 cts.

— **Fortunei.** 15 cts.

Davallia Affinis. 25 cts.

— **Epiphylla.** 50 cts.

— **Griffithiana.** 50 cts.



ASPLENIUM NIDUS AVIS (Birds' Nest Fern).

Goniophlebium Subauriculatum. If grown in a suspended basket in a moist conservatory will produce fronds 8 to 10 feet long. 50 cts.

Gymnogramma Sulphurea ("Sulphur Fern"). 15 cts.

Lastrea Aristata Variegata. This beautiful variety has a broad band of yellowish-green through the pinnules. 20 cts.

— **Chrysoloba.** 20 cts.

Lomaria Ciliata. A dwarf Tree Fern. 15 cts.

Lygodium Japonicum. Dark green foliage. 15 cts.

— **Scandens.** 15 cts.

Nephrolepis Bostoniensis (*Boston Fern*). The original type, producing large specimens with long graceful fronds. 4-inch pots, 25 cts.; 6-inch pots, 75 cts.; large specimens, \$2.50 each.

— **Cordata Compacta.** A splendid miniature variety of the Boston Fern. Fine young plants. 15 cts. each.

— **Elegantissima Improved** (*Ostrich Plume Fern*). A beautiful crested form, with broad, plume-like fronds. 4-inch pots, 25 cts.; 6-inch pots, 75 cts. each.

— **Scotti** (*Dwarf Boston Fern*). A compact, dwarf-growing form; a beautiful Fern. 4-inch pots, 25 cts.; 6-inch pots, 75 cts.; specimens, \$2.50 each.

Niphobolus Lingua. 25 cts.

— **Corymbiferum.** 25 cts.

Onychium Japonicum. 15 cts.

Polypodium Areolatum. 15 cts.

— **Aureum.** 15 cts.

— **Fraxinifolium.** 15 cts.

Polystichum Setosum. 20 cts.

Platycerium Alcicorne (*Elk's Horn Fern*). Narrow forked fronds. 75 cts. each.

— **Major.** \$2.00 each.

— **Grande.** \$3.00 to \$5.00 each.

— **Stemmaria.** Makes a fine exhibition plant. \$1.50 each.

— **Willmckii.** \$2.00 each.



CYRTOMIUM FALCATUM (Holly Fern).



NEPHROLEPIS SCOTTI Dwarf Boston Fern.
Offered on opposite page.



PTERIS WILSONI (Crested Fern).

Dreer's General Collection of Fine Ferns.

Continued.

<i>Pteris Argyræa.</i>	15 cts.	<i>Pteris Ouvrardi.</i>	15 cts.
— <i>Adiantoides.</i>	15 cts.	— <i>Serrulata.</i>	15 cts.
— <i>Alexandriæ.</i>	15 cts.	— — <i>Crystata.</i>	15 cts.
— <i>Cretica Albo-Lineata.</i>	15 cts.	— <i>Sieboldii.</i>	15 cts.
— — <i>Magnifica.</i>	15 cts.	— <i>Tremula.</i>	15 cts.
— — <i>Mayii.</i>	15 cts.	— <i>Victoria.</i>	15 cts.
— <i>Flabellata.</i>	15 cts.	— <i>Wilsoni.</i>	15 cts. and 25 cts.
— <i>Hastata.</i>	15 cts.	— <i>Wimsetti.</i>	15 cts.
— <i>Internata.</i>	15 cts.	— — <i>Grandis.</i>	15 cts.
— <i>Leptophylla.</i>	15 cts.	— — <i>Multiceps.</i>	15 cts.
<i>Sitalonium Cicutarium.</i>		Good fern for the amateur.	
			15 cts.

SELAGINELLAS, OR MOSSES.

Useful in connection with ferns for the filling of Wardian Cases, Fern Dishes, etc. The varieties offered below are among the most useful and interesting.

15 cts. each. Set of 8 varieties for \$1.00.

COLLECTIONS OF FERNS

One each of the 17 Adiantums \$3.00 | One each of 50 distinct Ferns, our selection. \$5.50
 " " 25 distinct Ferns, our selection 3.00 | " " 75 " " " " " " 7.50

GARDENIA FLORIDA (Cape Jessamine).

Beautiful greenhouse evergreen shrubs, with delightfully fragrant, pure white, waxy flowers, blooming from May to July.

3-inch pots, 30 cts. each; \$3.00 per doz.; 4-inch pots, 50 cts. each; \$5.00 per doz.; 6-inch pots, \$1.00 each.

GENISTA.

Fragrans. A most desirable spring-flowering plant, producing its fragrant, bright, golden-yellow flowers in the greatest profusion. As a window plant of easiest culture it is unsurpassed. Especially desirable for Easter decoration. First size, 50 cts. each; \$5.00 per doz.; second size, 30 cts. each; \$3.00 per doz.

GLORIOSA (Climbing Lily).

Superba Rothschildiana. A splendid tropical climbing plant, easy to grow in a warm conservatory; grows 6 to 10 feet high, producing its gorgeous lily-like flowers, which open a bright yellow, changing to a deep scarlet, in bloom through the summer and autumn months. 50 cts. each.



Capparis (Cape Jessamine)

SPECIAL CATALOGUE OF

OLD-FASHIONED HARDY PLANTS.

Giving complete list of all the hardy plants we grow, with color, height, time of flowering, etc. Copies free on request.



GERANIUMS AND PELARGONIUMS.



SINGLE GERANIUM.

VARIEGATED-LEAVED GERANIUMS.

Marechal MacMahon. Golden bronze zone on yellow ground; flowers salmon-rose.

Mme. Salleroi. A dwarf variety; rarely over 6 inches high; foliage green, bordered white; fine for edging.

Wm. Languth. Green edged white, flowers double scarlet. 15 cts. each; \$1.50 per doz. Set of 3 sorts, 40 cts.

PELARGONIUMS.

(Lady Washington Geraniums.)

The six varieties offered below are a choice selection of distinct colors.

Crimson King. An intense rich crimson.

Duke of Cornwall. Reddish-crimson, bordered with light salmon.

Linda. Clear salmon, feathered and blotched maroon in the upper petals.

Mme. Thibaut. White, richly blotched and marked with rose, the upper petals marked with crimson-maroon, with large white centre.

Mrs. R. Sandiford. Pure glistening snow-white.

Sandiford's Best. Beautiful shade of pink, surrounded with deep band of pure white, and large white throat.

20 cts. each; \$2.00 per doz. Set of 6 varieties, \$1.00.

New Everblooming Pelargonium.

Easter Greeting. This variety is remarkable for its early and free-flowering habit, and while its principal crop of flowers is produced in early spring, it is the first variety introduced which, in a favorable season, continues to bloom throughout the summer and fall months. Its flowers are of large size, a bright amaranth-red, each petal marked with a large black blotch. 25 cts. each; \$2.50 per doz.

We offer only a short list of Geraniums—the most popular bedding plant in existence; but those offered are a careful selection of the best and most desirable varieties in their respective colors.

TWELVE BEST DOUBLE GERANIUMS.

Alphonse Ricard. Bright vermillion-scarlet, large florets and trusses; the finest large-flowering scarlet bedder.

Beaute Poitevine. The best double salmon-pink bedder.

Berthe de Presilly. Splendid light pink bedder.

Dagata. Very large flowers and trusses of a beautiful shade of mauve-rose.

Dryden. White centre, gradually shading to a glowing soft crimson at the outer edge.

Edmund Blanc. Deep carmine, tinted violet, white eye.

Jean Oberle. An exquisite shade of hydrangea-pink.

M. Anatole Roseleur. A much admired rose-pink, immense semi-double flowers.

Mme. Recamier. A beautiful pure white bedder.

Marquis Castellane. A combination of two distinct shades of red; an excellent bedder.

Miss Frances Perkins. Splendid deep rose-pink bedder.

S. A. Nutt. One of the best rich dark crimson bedders.

15 cts. each; \$1.25 per doz.; \$10.00 per 100. Set of 12 varieties, \$1.25.

TWELVE BEST SINGLE GERANIUMS.

Alice of Vincennes. Ground color white, with a gradual gradation from the centre to rich crimson scarlet at the edges.

Baronne Grubissich. Tender rose, with clear white eye.

Count Zeppelin. Compact growing light vermillion.

Feuer. Brilliant crimson-red.

Jacquerie. Rich, dark crimson-scarlet.

Jean Pabon. Bright vermillion with small white eye.

Juste Oliver. Pleasing carmine-purple, upper petals shaded fiery-red.

Maxime Kovalevski. Brilliant pomegranite-red.

Mrs. E. G. Hill. Beautiful salmon; a fine large flower.

Queen Olga. An exquisite shade of deep rose.

Snowdrop. The finest white single bedder.

Tiffin. Rich, glowing scarlet, with crimson shadings in the upper petals.

15 cts. each; \$1.25 per doz.; \$10.00 per 100. Set of 12 varieties, \$1.25.

IVY-LEAVED GERANIUMS.

Ballade. Tender lilac, upper petals feathered with crimson-maroon, semi-double.

Cæsar Franck. Soft but rich crimson.

Colonel Baden Powell. Very large semi-double soft blush.

Dina Scalarandis. Double white, tinted blush.

Mme. Thibaut. Semi-double, clear rosy-pink.

Mrs. Banks. Blush-white, upper petals feathered deep pink, semi-double.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 varieties, 75 cts.

SCENTED GERANIUMS.

Rose, Lemon, Nutmeg, Oak-leaved, Scarlet Mrs. Taylor.

10 cts. each; \$1.00 per doz. Set of 5 for 50 cts.

GLADIOLUS.

For the past five years the demand for Gladiolus has doubled itself each year, and there is no reason why it should not continue to do so, as they are the most attractive, and useful of summer-flowering bulbs, and as a cut flower all through the summer months and well into the autumn they hold a place that cannot be taken by any other flower. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

They are very effective in lines or beds or when planted among Roses, Paeonies, Shrubbery, etc.

In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way, a spike will last a week or ten days.

The culture of Gladiolus is included in our new book, "Dreer's Hints on the Growing of Bulbs." Price, 50 cts., or free to customers when asked for when ordering.

SUPERB NEW AND RARE GLADIOLUS.

The fourteen sorts offered below are, we believe, the choicest and most exclusive collection offered, a number of them unprocurable from any other source, either here or in Europe.

Cardinal. The most brilliant cardinal-scarlet yet introduced. Flowers large, in fine spikes; very rich and showy. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

Charlemagne. A French introduction of the Giant type, with very large, open flowers on massive spikes; color described by introducer as sunrise-red, flaked darker, and marked with large creamy-white blotches, densely dotted with purple-carmine. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Deuil de Carnot. A superb French introduction, with large, open flowers of velvety crimson-maroon, shaded with black; the richest colored of all. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Etendard. One of the choicest introductions of the famous French Hybridiser, Lemoine, with immense Orchid-like flowers four inches and over across. Upper petals rich cream tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Eucharis. Large well-opened flowers on long spikes, of a delicate blush-white blotched slightly deeper; a charming, dainty coloring. 12 cts. each; \$1.25 per doz.; \$10.00 per 100.

Europa. This magnificent European variety has been on the market for several years, but is still scarce. It is considered by many experts to be the best pure white yet introduced, having the finest spikes, the best individual flowers, and the purest in its snowy whiteness. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Heliotrope. Fine large flowers of velvety bishop's violet, shaded with pansy-purple; rich and novel. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

Henri Lemoine. Immense orchid-like flowers, with wavy, frilled petals, color rich chrome-yellow with a large blotch of fiery crimson, the finest rich yellow yet introduced. 30 cts. each; \$3.00 per doz.

La Couronne. A new and beautiful French variety with flowers of largest size, of a creamy white, the throat blotched with dark maroon bordered with pale yellow; one of the most attractive of the recent introductions. 25 cts. each; \$2.50 per doz.

Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmony-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. 30 cts. each; \$3.00 per doz.



A SPIKE OF GLADIOLUS.

Niagara A charming American variety, with all the good qualities of America, but of a delicate cream-yellow, lightly marked and splashed with rosy-carmine in the throat; very large, open flowers on tall, straight spikes; beautiful as a cut-flower. 12 cts. each; \$1.25 per doz.; \$10.00 per 100.

Panama. An American introduction of sterling merit; is a favorite wherever high grade varieties are grown. It is similar to and has all the good qualities of America, but in color is a rich rose-pink. Unquestionably one of the finest. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

Peace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

Sulphur King. The finest clear yellow yet introduced. A bunch of this and Heliotrope together form one of the most striking color combinations that can be imagined. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

COLLECTIONS OF SUPERB NEW AND RARE GLADIOLUS.

1 each of the above 14 sorts	\$2.50	6 each of the above 14 sorts for	\$12.00
3 " " " 14 "	6.50	12 " " " 14 "	23.00

DREER'S SELECT GLADIOLUS.—*Continued.*

CHOICE NAMED VARIETIES.

In addition to the Superb New and Rare Named Sorts offered on the preceding page, we offer below a very select list of named sorts, each one quite distinct and first-class in every way. *Those marked (*) belong to the Giant type.*

America. Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect. 5 cts. each; 40 cts. per doz.; \$2.50 per 100.

Augusta. A lovely and useful variety, pure white with blue anthers. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

Baron Hulot. Rich, royal violet-blue. This, when cut in combination with one of the yellow varieties, is truly exquisite. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

***Blanche.** This is the finest white of the Giant type, immense flowers of pure white, lightly marked with pale rose; a gem. 12 cts. each; \$1.25 per doz.; \$10.00 per 100.

Brenchleyensis. The best and most effective vermilion-scarlet for massing. 30 cts. per doz.; \$1.75 per 100; \$15.00 per 1000.

***Brilliant.** Glistening scarlet with carmine and white throat. One of the best scarlets. 6 cts. each; 65 cts. per doz.; \$5.00 per 100.

Canary Bird. A splendid clear canary-yellow. 8 cts. each; 85 cts. per doz.; \$6.00 per 100.

Ceres. White flaked with purplish-rose. 5 cts. each; 40 cts. per doz.; \$2.50 per 100.

***Columbia.** Large, light orange-scarlet, splashed and blotched with bluish-purple; very effective. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Glory of Holland. A beautiful pure white, with lavender anthers; flowers very large; first-class in every way. 6 cts. each; 65 cts. per doz.; \$5.00 per 100.

***Henry Gilman.** Salmon-scarlet with pure white bands. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Klondyke. A clear yellow, with a vivid crimson-maroon blotch in the throat; a splendid free grower. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

La Candeur. Of special value, owing to its being the latest of all to flower. Large, well-rounded flowers of creamy-white, with rosy markings, in spikes 4 to 5 feet high. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

May. Pure white ground pencilled with rosy-crimson; fine for cutting. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Mrs. Frances King. A striking shade of light scarlet or flame color; one of the most effective both in the border and when cut. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

***Principes.** Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 6 cts. each; 65 cts. per doz.; \$5.00 per 100.

***Rosella.** Delicate rose, stained purple and white; large, open orchid-like flowers; a handsome and satisfactory variety. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

***Scribe.** The giant-flowering Eugene Scribe, and similar in color—soft rose blazed with carmine—but with very large, open flowers and enormous spike. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

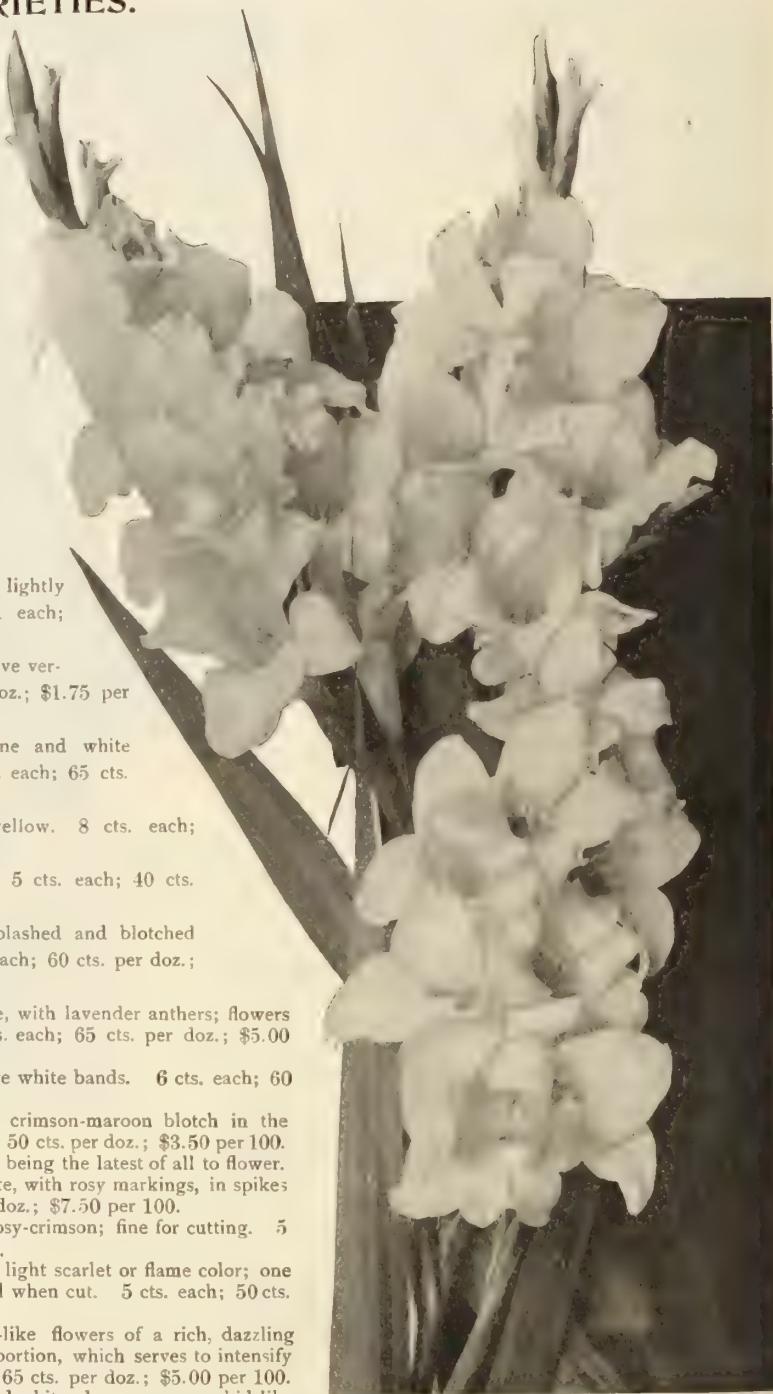
Shakespeare. White, slightly suffused with carmine-rose; large rose blotch. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

***Wm. Falconer.** A grand pink sort, immense flowers and spike. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

COLLECTIONS OF CHOICE NAMED GLADIOLUS.

1 each of the above 20 choice sorts, 20 in all.....	\$1 25	6 each of the above 20 choice sorts 120 in all.....	\$6 00
3 " " 20 " 60 " 3 25		12 " " 20 " 240 " 11 00	

We offer a very select lot of New and Rare Gladiolus. See list on page 153.



CHOICE NAMED GLADIOLUS.

DREER'S SELECT GLADIOLUS—*Continued.*



GLADIOLUS, GOLD MEDAL HYBRIDS.

GOLD MEDAL HYBRID GLADIOLUS.

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures, and who do not care for the named sorts. When Gladiolus are grown in mixture they are liable to deteriorate rapidly, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high-priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth and similar rich shades of color in great diversity. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow and delicate shades of pink, rose, etc., and is especially valuable for cutting. 5 cts. each; 50 cts. per doz.; \$4.00 per 100.

GLADIOLUS in Mixture.

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first-class bulbs**, and are sure to give satisfactory results.

DREER'S SUPERB GENERAL MIXTURE.

This is our popular low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. 30 cts. per doz.; \$1.50 per 100; \$12.00 per 1000.

LEMOINE'S BUTTERFLY HYBRIDS MIXED.

The remarkable richness of the colorings of this class rivals the finest orchids. 30 cts. per doz.; \$2.00 per 100; \$18.00 per 1000.

NEW GIANT (Nanceanus).

A magnificent race of extraordinary size and remarkable beauty, possessing the long-lasting properties and the beautiful markings of the Lemoine section. Mixed varieties, 40 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

PRIMULINUS HYBRIDS.

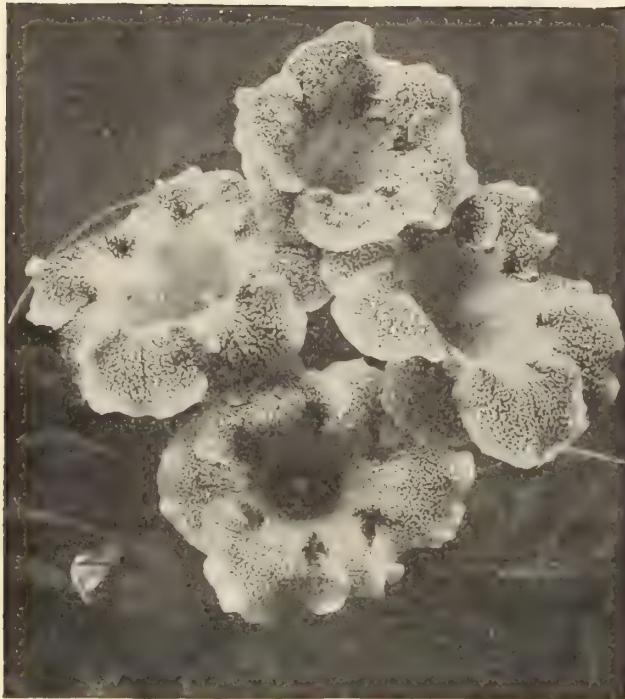
The original of this type introduced from South Africa has been much improved by crossing with choice garden varieties, and the mixed hybrids here offered are certain to produce some beautiful flowers, mostly in tones running from light yellow to orange apricot and crimson; the flowers are of good size, borne on tall graceful spikes, and are of healthy, vigorous constitution. 50 cts. per doz.; \$3.50 per 100; \$32.00 per 1000.

MIXED GLADIOLUS IN SEPARATE SHADES.

	DOZ.	100	1000
Scarlet and Crimson shades mixed..	\$0.30	\$2.00	\$18.00
White and Light ..	.40	2.50	20.00
Yellow and Orange ..	.65	5.00	45.00
Striped and Variegated ..	.40	3.00	25.00
Pink and Rose ..	.30	2.00	18.00

Gold Medal Section No. 3. In this section are included the new blue, heliotrope, lilac, mauve and similar tints. A lady customer, on seeing a bunch of these, called them "pansy colors," which aptly describes them. They are for the most part entirely new and distinct. 6 cts. each; 65 cts. per doz.; \$5.00 per 100.

Gold Medal Mixture. This contains some each of the three sections, and so great is the diversity in colors that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 5 cts. each; 50 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.



DREER'S SELECT GLOXINIAS.

Dreer's Select Gloxinias.

The *Gloxinia* ought to be one of our common plants because of its great beauty, the profusion of its flowers and its summer blooming habit. But it is not common, by any means, and this fact is attributable almost entirely to the impression that prevails to a great extent that it is a very difficult plant to grow—quite beyond the ability of the amateur, in fact. Such is not the case, however, if one goes at it in the right way.

Full cultural directions are given in our new book, "Dreer's Hints on the Growing of Bulbs." Price, 50 cts., or free if asked for at time of ordering.

We offer them in the following separate colors, viz.: Blue, Red, White, Red with white border, Blue with white border; also in choicest mixed colors. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

NEW EMPEROR GLOXINIA.

(*Gloxinia Hybrida Imperialis*.)

A new hybrid strain produced by crossing *Sinningia Regina Hybrida* with the choicest strains of *Gloxinias*, resulting in a plant which not only embraces all the rich and varied colors of the *Gloxinia*, but in which the foliage also is distinct and very ornamental, being of a reddish-brown or bronzy color, with strongly projecting white veins, while the flowers are held very erect, thus showing to full advantage. Strong bulbs, in choice mixed varieties, 25 cts. each; \$2.50 per doz.

HYACINTHUS CANDICANS (Cape Hyacinth).

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 5 cts. each; 50 cts. per doz.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



HIBISCUS SINENSIS.

HELIOTROPS (Cherry Pie).

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer.

Centefleur. The best rich, deep violet variety.

Chieftain. Lilac; large truss; very fragrant.

Mme. de Blonay. The finest large-flowering white. 10 cts. each; \$1.00 per doz.

HELICONIA.

Aurea Striata. Hothouse plant with large, ornamental, oblong leaves of deep glossy green, marked by curving parallel lines of yellow; useful subject for exhibition purposes. \$1.00 each.

HIBISCUS SINENSIS.

(Chinese Hibiscus.)

Well-known evergreen tender shrubs which may be either grown in a pot or tub, or planted out during the summer. They flower freely during the entire summer, and even in the winter if kept in a light, sunny position in the house. As a rule, they flower more freely when grown in a pot or tub, and when grown in this way the roots are kept in confinement, and it is easier to handle them in the winter. They can also be kept over winter in a warm cellar or any place where the thermometer does not fall below 50 degrees. In such a position give only enough water to keep alive, never permitting the soil to become dust-dry.

Aurantiacus. Fine double pure salmon.

Grandiflorus. Very large single rose.

Miniatius Semi-plenus. The finest and most brilliant semi-double vermillion-scarlet, with flowers 4 inches in diameter.

Peachblow. Large double flowers of a soft pink, with deeper centre.

Sub-Violacea. Flowers very large, of a beautiful carmine tinted violet. 15 cts. each; \$1.50 per doz.; the set of 5 for 65 cts.

The Hardy Hibiscus are offered on page 209.

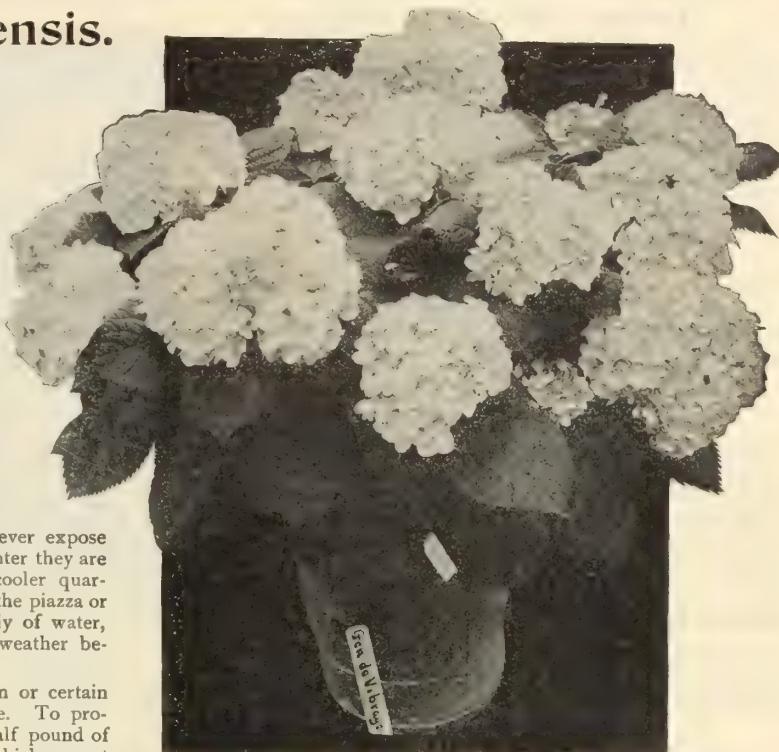


HELIOTROPE.

Hydrangea Hortensis.

Although hardy in sheltered favorable positions in the latitude of Philadelphia, they will give more satisfaction when grown as pot or tub plants and protected against frost. They thrive in any good garden soil, but give better results when grown in a soil composed of two parts of good turfy loam and one part of thoroughly decomposed cow or stable manure. When in active growth supply liberally with water; at this time also stimulants in the form of liquid manure, our Peerless Plant Food or Bonemeal, will prove beneficial. Give full exposure to the sun, except when in flower, when a slight shade will prolong their blooming. On the approach of freezing weather store in a light, cool cellar or similar place, water only sufficient to prevent the roots from drying up. Keep the plants as cool as possible during the winter, but never expose to frost; if they start into growth during winter they are stored too warm, and should be moved to cooler quarters. Early in spring bring the plants on the piazza or some sheltered place and increase the supply of water, again giving full exposure as soon as the weather becomes thoroughly settled.

In some soils, due to the presence of iron or certain chemicals, Hydrangeas naturally flower blue. To produce this color artificially incorporate one-half pound of alum broken into pieces about the size of a hickory nut with each bushel of soil.



SPECIMEN PLANT OF NEW HYDRANGEA.

HYDRANGEA NOVELTIES FOR 1915.

It seemed impossible that further improvement could be made on the new varieties of Hydrangeas sent out during the past few years; but the latest novelties imported by us from various specialists in Europe, and which we have thoroughly tested, show a wonderful advance. We have selected twelve varieties which we now offer.

Baby Bimbenet. Very dwarf, free and early; the plant becomes covered with large compact trusses of silvery-rose flowers.

Beaute Vendomoise. Immense heads of white flowers tinted pink; the individual florets attain a diameter of 4 inches, and while it shows a tendency to a loose, open truss, this adds to its attractiveness. We feel very enthusiastic about this sort.

Eclaireur. One of the most startling acquisitions. A very bright carmine-rose, the nearest approach to a red. We particularly recommend this.

La France. Very strong grower with immense trusses of deeply fringed flowers of a delicate shade of rose.

La Perle. The grandest, largest, and most refined white we have yet seen; flowers deeply fringed.

Lilie Mouillere. Similar to, but distinct from Eclaireur; a bright carmine-rose.

Price. Strong young plants, 50 cts. each; \$5.00 per doz.; one of each variety for \$5.00.

NEW VARIETIES OF HYDRANGEA HORTENSIS.

With but few exceptions, the sorts heretofore cultivated were native Japanese introductions, and it is only recently that several European hybridizers have given us many new and distinct varieties, the best of which are offered below. We enthusiastically recommend them not only for forcing for Easter and Spring decoration, but also as tub plants for the lawn or garden in summer.

Avalanche. Large corymbs of pure white flowers; very free-flowering.

Bouquet Rose. Large trusses of well-formed flowers; rosy-amber, turning to bright pink.

E. G. Hill. Trusses of immense size, color a most pleasing shade of pink which does not fade; growth vigorous.

General de Vibraye. Very large heads of bright rose; a splendid forcing variety.

La Lorraine. Very large flowers; pale rose turning to bright pink.

Mlle. Agnes Barillet. A pleasing white variety, flowers very large and freely produced.

Price. Any of the above in 3-inch pots, 25 cts. each. Set of 12 for \$2.50. 6-inch pots, 50 cts. each. Set of 12 for \$5.00. Specimen plants, \$1.00 to \$2.00 each.

Louis Mouillere. A very distinct and valuable variety, a fine shade of deep rose-pink fringed florets in trusses of immense size.

Mme. Auguste Nonin. An unusually attractive pretty pale pink in heads of large size.

Mons. Ghys. Very vigorous growing and extremely free-flowering, with large trusses of perfectly round fringed flowers of a satiny-rose color.

President Fallieres. A cross between Mme. A. Riverain and General de Vibraye. It possesses all the good qualities of both parents: add to this increased size, with delicately-fringed rose-colored flowers, and you may form a conception of the beauty of this variety.

President Viger. On the same style as President Fallieres but with larger individual florets.

Souvenir du Lieut. Chaure. Produces immense heads of bright rose-carmine flowers on bold upright stems.

Price. \$5.00 per doz.; one of each variety for \$5.00.

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Mme. Maurice Hamar. Large delicate flesh-rose color; a pleasing shade.

Mme. Emile Mouillere. One of the very best; very large flowers, frequently over 2 inches in diameter, of the purest white, with rosy-carmine eye.

Mont Rose. Immense panicles of a clear flesh-rose.

Ronsard. Very large individual flowers as well as trusses of a beautiful rose tint.

Souvenir de Mme. E. Chautard. One of the prettiest; robust habit, medium-sized corymbs of bright rose-colored flowers.

Vieux-Chateau. A strong upright growing variety with immense trusses of very large white flowers; these as they mature become suffused with delicate rosy-carmine tint.

HYDRANGEA OTAKSA.

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers, throughout the entire summer. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

Young plants in 4-inch pots, 25 cts. each; \$2.50 per doz.
 Good plants in 6-inch pots, 50 cts. each; \$5.00 per doz.
 Specimens in 11-inch tubs, \$1.50 each, including tub.
 " 12 " " 3.00 " " "

IPOMOEA.

Noctiflora (*Moon Flower*). The well-known popular vine; white flowers. 10 cts. each; \$1.00 per doz.

Learii (*Blue Dawn Flower*). Intense violet-blue, flowers 6 inches in diameter. 10 cts. each; \$1.00 per doz.

ISMENE CALATHINA.

(*Peruvian Daffodil*.)

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ISOLEPIS GRACILIS.

A useful plant with graceful, grass-like, dark-green drooping foliage, for vases, baskets or the window garden. 15 cts. each; \$1.50 per doz.

IXORAS.

These are among the showiest of hot-house flowering plants. The flowers are borne in large terminal corymbs, shaped somewhat like a Bouvardia.

Chelsonii. Brilliant salmon-orange.

Dixiana. Deep orange in large trusses.

Flore lutea. Very large creamy-yellow.

Incarnata. Delicate flesh color.

Javanica. Deep orange-red.

50 cts. each. Set of 5 varieties for \$2.00.



ISMENE (Peruvian Daffodil.)

ISMENE (Peruvian Daffodil.)

JASMINUM.

Grandiflorum (*Catalonian or Star Jasmine*). Very fragrant single white flowers, in bloom continuously. 15 cts. each.

Grand Duke. Double white, fragrant flowers. 25 cts. each.

LAGERSTREMA.

(*Crape Myrtle*.)

This is one of the prettiest shrubs, and while hardy south of the Potomac, requires protection in this latitude. All, however, that is necessary is to winter the plants in a cellar or similar position where they will be protected from very severe weather. Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two to three months in the summer will be covered with flowers.

Indica. Delicate soft pink. 50 cts. each.

— *Alba*. A white-flowered form. 50 cts. each.

LANTANAS.

Well-known useful summer bedding plants; all of the varieties offered are of desirable compact habit of growth.

Alba Perfecta. The best white.

Comtesse de Biencourt. A splendid pink.

Craigii. Rich orange-scarlet.

Mer. Jaune. Deep golden-yellow.

10 cts. each; \$1.00 per doz.

LAPAGERIA.

Extremely beautiful ornamental greenhouse climber, producing numerous fine, large, bell-shaped, waxy flowers of great substance, lasting a long time in bloom.

Rosea. Rich, rosy-crimson. \$2.50 each.

Alba. Pure waxy-white. \$3.00 each.

LEEA.

Amabilis Splendens. A pretty foliage plant for the warm conservatory; the leaves of a rich, deep olive-green with silvery-white midrib and veins. \$1.00 each.

LOBELIA.

Crystal Palace Compacta. Rich dark blue, much used for bedding, vases, etc. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



LANTANA.



ISMENE (Peruvian Daffodil.)

JASMINUM.

Grandiflorum (*Catalonian or Star Jasmine*). Very fragrant single white flowers, in bloom continuously. 15 cts. each.

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LEEA.

Amabilis Splendens. A pretty foliage plant for the warm conservatory; the leaves of a rich, deep olive-green with silvery-white midrib and veins. \$1.00 each.

LOBELIA.

Crystal Palace Compacta. Rich dark blue, much used for bedding, vases, etc. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.



MARANTA VITTATA.

MARANTA.

Valuable decorative hothouse plants, remarkable for the richness and beauty of their varied foliage.

	EACH.
Classoni	\$0 75
Goveniana	25
Illustris	75
Insignis	50
Kerchoviana	25
Makoyana	50
Rosea Lineata	75
Sanderi	1 00
Van den Hecke	75
Vittata	1 00

One each of the 10 varieties for \$5.00.

MEDINILLA.

The Medinillas here described are among the most gorgeous tropical flowering plants in cultivation, and most desirable for the amateur who has the facilities of a hothouse. They are natives of the Philippines, with handsome, broad, shining, leathery foliage. The plants continue in flower from April to July; the flowers are of a coral-red color, five-petaled, each about an inch across, and are borne in immense pyramidal racemes, frequently a foot long, and bearing from 100 to 150 flowers. A large well-flowered specimen is a sight never to be forgotten.

Magnifica. Flowers in pendulous racemes. \$1.00 each.

Magnifica Superba. Very large pendulous racemes. \$1.00 each.

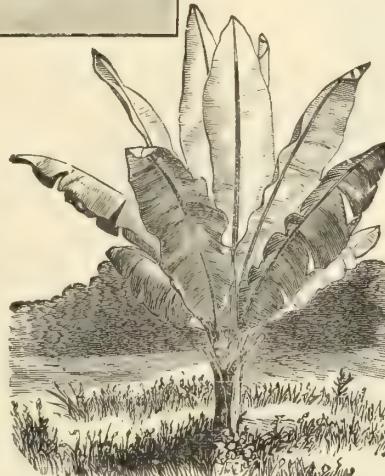
Amabilis. Racemes of flowers are held erect. \$1 00 each.

METROSIDEROS.

Floribunda (*Bottle Brush*). A greenhouse shrub, producing long, cylindrical spikes of bright red flowers; very effective. \$1.00 each.

NASTURTIUMS.

Tom Thumb or Dwarf. Too well known to need description. Mixed colors, ready in May, 75 cts. per doz.; \$6.00 per 100.



MUSA ENSETE.

MUSA ENSETE (Abyssinian Banana).

The grandest of all Bananas; the leaves are magnificent, long, broad and massive; of beautiful green, the midrib turning to crimson as the leaves develop. The plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly and attains gigantic proportions, producing a tropical effect on the lawn or flower garden. (See cut.) Good plants, 30 cts. each; strong plants in 5-inch pots, 50 cts. each; very strong plants in 7-inch pots that will give a quick effect, \$1.00 and \$1.50 each; heavy plants in 12-inch tubs, \$5.00 each.

NEPHTHYTIS.

Picturata. An interesting, ornamental hothouse plant, requiring a moist atmosphere; dark-green, pointed, heart-shaped foliage, with fern-like variegations in silvery-white. \$1.00 each.

NEPENTHES (Pitcher Plant).

These interesting plants, with their curious pitchers, require to be grown in a high, moist atmosphere, and in dense shade. The sorts offered are among the choicest of the genus.

	EACH.	EACH.	
Atrosanguineum	\$2 00	Mastersiana	\$2 50
Courtii	3 00	Pattersonii	2 50
Dominiana	2 00	Phyllamphora	2 50
Henryana	2 00	Sedeni	2 00
Intermedia	3 00	Splendida	2 00

One each of the ten sorts for \$20.00.

OLEA FRAGRANS.

(Sweet Olive.)

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing small white flowers of the most exquisite fragrance, continuing to bloom almost the entire winter. 50 cts. each.

ROYAL EXHIBITION PANSIES.

The plants here offered are grown from our own choicest strain of seed, and for size of bloom, richness of coloring and texture will be found unsurpassed by any other strain. 60 cts. per doz.; \$4.00 per 100.



TYPE OF OUR ROYAL EXHIBITION PANSY.

PALMS, FOR HOME ADORNMENT

NO collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting room, is complete without them. Our facilities for producing this class of stock are the most complete in the country, 35 of our largest houses—over three acres of greenhouse structure—being devoted to them alone, enabling us to supply all the leading and popular sorts at the most reasonable prices.



ARECA LUTESCENS.

Areca Lutescens. One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green, with rich golden-yellow stems.

3-in. pots, bushy plants, 12 to 15 inches high	\$.25
4 " " 15 " "	.50
5 " " 20 " "	1.00
6 " " 26 " "	2.00

Areca Verschaffeltii. A splendid Palm, with finely-divided pinnae of deep green color with yellowish midrib. 3 in. pots, 12 inches high, 50 cts. each.

Bactris Major. A rare and unique Palm; the leaves are of rich dark green; both upper and reverse sides are armed with long dark spines. Good strong plants in 5-in. pots, \$2.00 each.

Calamus Ciliaris. 4-inch pots, \$3.00 each.

Caryota Sobolifera. A strong growing broad-leaved species of the so-called Fish-tail Palm; an interesting plant. 4-inch pots, 15 inches high, 50 cts. each.

Caryota Urens (Fish-Tail Palm). An interesting species; with the ends of the leaves formed somewhat like the dorsal fin of a fish. 3-inch pots, 8 inches high, 25 cts. each; 4-inch pots, 15 inches high, 50 cts. each.

Chamædorea Elegans. 5-inch pots, 75 cts. each.

Cocos Marie Rose. A splendid species for outdoor culture in a tropical or semi-tropical country. 5-inch pots, \$2.50 each.

Cocos Schizophylla. Interesting, strong-growing species, useful in Florida and California, where it can be planted out. \$2.50 each.

Cocos Weddeliana. The most elegant and graceful of all Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. The smaller sizes are admirable for fern dishes, while the larger sizes are beautiful subjects for home adornment.

Young plants in 3-inch pots, 25 cts. each.

Specimens in 5-inch pots, 18 to 24 inches high, \$1.50 each.

Large specimens in 7-inch pots, 24 to 30 inches high, \$3.00 each; in 8-inch pots, 30 to 36 inches high, \$5.00 each.

Dæmonorops Fissus. A beautiful rapid-growing Palm, with graceful fronds composed of narrow pinnæ of a bronzy-green color. 4-inch pots, 15 inches high, \$3.50 each.

Deckeria Nobilis. A very rare Palm, with narrow, divided pinnæ of a light green color, the stems closely protected with long, light-colored spines; requires a close, high temperature. 5-inch pots, \$3.00 each.

Elaeis Guineensis. The Oil Palm, a very decorative species, with dark green pinnatifid foliage. 5-inch pots, \$1.00 each. Specimens in 8-inch tubs, \$3.00 to \$5.00 each.

Hyophorbe Amaricauis. An interesting Palm for a collection in a warm conservatory, similar in habit of growth to the Areca, with bronzy-red stems and olive-green foliage. Young plants in 3-inch pots, 50 cts. each.

Kentia Alberti. 4-inch pots, \$1.00 each.

Kentia Belmoreana. The Kentias are the hardiest Palms in cultivation. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark-green foliage.

	EACH
3-inch pots, 12 inches high	\$.25
4 " " 15 " "	.50
5 " " 20 " "	1.00
6 " " 26 " "	2.00
7 " " 30 " "	3.00
7 " " 36 " "	5.00
10 " tubs 48 " "	10.00
12 " " 60 " "	15.00

Kentia Forsteriana. This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

	EACH
3-inch pots, 12 inches high	\$.25
4 " " 15 " "	.50
6 " " 24 " "	1.50
6 " " 30 " "	2.50
8 " " 42 " "	5.00
10 " tubs, 60 " "	10.00
12 " " 72 " "	20.00
12 " " 84 " "	25.00



COCOS WEDDELIANA.

PALMS (Continued).

Kentia Forsteriana (*Made-up Plants*). These are specimens made by planting several plants together; very useful decorative specimens.

INCH. TUBS.	INCHES HIGH.	EACH.	INCH. TUBS.	FEET HIGH.	EACH.
7.....	36.....	\$3 50	8.....	4.....	\$10 00
7.....	38.....	4 00	9.....	4½.....	12 50
8.....	42.....	6 00	10.....	5.....	15 00
8.....	45.....	7 50	12.....	5½.....	20 00
			14.....	6.....	25 00

Kentia Sanderiana. A new and rare Palm of elegant and graceful habit, with narrow pinnae in gracefully arching leaves of bright green. 4-inch pots, 15 inches high, \$1.00 each; 5-inch pots, 24 inches high, \$1.50 each; 6-inch pots, 30 inches high, \$2.50 each.

Kentia Wendlandiana. A very strong-growing species, with large, heavy foliage, the ends of the pinnae cut like the Fish-tail Palm; quite rare. 4-inch pots, 50 cts. each; 5-inch pots, \$1.00 each; 6-inch pots, \$2.50 each.

Latania Borbonica (*Chinese Fan Palm*). This is the popular fan-leaved variety.

3-inch pots, 4 to 5 leaves, 12 inches high.....	\$0 25 each
4 " 5 to 6 " 15 " "	50 "
6 " 6 " 20 " "	1 00 "

Livistona Rotundifolia. A miniature fan-leaved Palm, which, in a finished specimen, makes almost a globular plant. Thrifty young plants in 3-inch pots, 25 cts. each.

Martinezia Caryotæfolia. One of the most desirable hot-house Palms, with pinnate foliage of a dark green color; the stems are thickly set with long black spines. Fine young plants in 3-inch pots, \$1.50 each; specimens in 8-inch pots, 3 feet high, \$3.50 each.

Nephrosperma Van Houtteanum. A handsome hothouse Palm, with long, graceful leaves and narrow pinnae, bright glossy green above, glaucous underneath; leaf-stalks chestnut-brown, armed with long, black spines. 4-inch pots, \$2.50 each.

Oreodoxa Regia (*The Royal Palm*). 5-inch pots, \$1.00 each.



MADE-UP PLANT OF KENTIA FORSTERIANA.

Phoenix Canariensis. One of the hardiest of the Date Palms, with dark green, feathery foliage; of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in exposed situations.

8-in. tubs, 32 ins. high	\$ 3 00 each
10 " " 48 " "	5 00 "
11 " " 52 " "	7 50 "
11 " " 54 " "	10 00 "

Phoenix Roebelenii. The most graceful of the Phoenix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully recurring leaves, with very narrow dark green pinnæ, give it a lightness and airiness not surpassed, if equalled, by Cocos Weddeliana; at the same time it is as hardy as a Kentia, succeeding admirably as a house plant.

3-inch pots, 6 to 8 in. high, nicely characterized.....	\$0 35 each
4 " 12 " " "	75 "
5 " 15 " " "	1 50 "
Specimens in 6-in. pots, 1½ ft. high, 2 ft. spread..	2 50 "
" 8 " tubs, 2 " 2½ " " ..	4 00 "
" 10 " 24 " 3 " " ..	7 50 "
" 12 " 3 " 4½ " " ..	15 00 "

Phoenix Zeylanica. A pretty, compact growing form of the Date Palm; it might be termed a miniature *Phoenix reclinata*. Good young plants in 5-inch pots, \$1.00 each.

Pinango Decora. 4-inch pots, \$1.50 each; 8-inch pots, \$5.00 each.

Pinango Patula. A beautiful dwarf species with olive-green foliage, a very distinct and desirable Palm for the conservatory. 3-inch pots, 12 inches high, 75 cts. each.

Stevensonia Grandifolia. It is only at rare intervals that we are able to offer this interesting and beautiful stove Palm. Fine young plants in 3-inch pots, 50 cts. each; 4-inch pots, \$3.00 each.

Thrinax Morrisii. 3-inch pots, \$1.50 each.

Thrinax Parviflora. 4-inch pots, 50 cts. each.

Verschaffeltia Splendida. A showy species, where it can be given a high, moist atmosphere; large, bright green foliage, deeply cut at the ends; very spiny, especially in the young state. 4-inch pots, \$3.00 each.



PHÖENIX ROEBELENII.



PANDANUS VEITCHI.

PANAX.

Pretty shrubby plants for the warm conservatory, of neat, compact growth.

Balfouri. Bold foliage of rich ivy-green, abundantly splashed with creamy-white, the edge of the leaf entirely white. 50 cts. each.

Gracillima. Deep green, deeply-cut foliage. 50 cts. each.

Monstrosum aureum. Deep green foliage, with delicate golden-green variegation. 50 cts. each.

Victoriæ. Small, finely-cut foliage of light green, with white variegation. 25 cts. each.

PANDANUS (Screw Pine).

The Pandanus requires about the same treatment as the Dracæna, but is better adapted to culture in the living room than that plant is.

Graminifolius. Narrow, dark green foliage; makes a pretty plant for table decoration. 50 cts. each.

Pacificus. A rare and beautiful species, with broad, massive, dark green foliage. 3-inch pots, 35 cts. each; 4-inch pots, 50 cts. each; 5-inch, pots, \$1.00 each.

Utilis. Popular green-leaved variety. 3-inch pots, 20 cts. each; 4-inch pots, 35 cts. each; 6-inch pots, \$1.00 each; specimens in 8-inch pots, \$2.50 each.

Veitchi. One of the finest decorative plants for the house; graceful foliage, broadly striped with creamy-white on a green ground. 4-inch pots, 12 inches high, 75 cts. each; 6-inch pots, 18 inches high, \$1.50 each; 8-inch pots, 30 inches high, \$3.00 each.

PASSIFLORA (Passion Flower).

Attractive climbers, covering a large space in a remarkably short time, and bearing their exquisitely-formed flowers freely throughout the summer and fall.

Constance Elliott. Pure white, a slight coloring at base of petals.

Pfordti. The best variety for outdoors in summer; flowers light blue suffused with rose and borne freely even on small plants. (See cut on opposite page.)

Principes. This is one of the best greenhouse climbers, a rare and showy variety, with bright red flowers. \$1.00 each.

Price, except where noted. 25 cts. each; \$2.50 per doz.

PAULLINIA.

Thalictrifolia. A very pretty climbing plant for the conservatory or window, with finely divided fern-like foliage. 25 cts. each.

PENNISETUM (Fountain Grass).

Tender ornamental grasses and valuable additions to the list of bedding plants, and as a border to a bed of Cannas or Caladium esculentum they are in a class by themselves.

Macrophyllum Atrosanguineum (Crimson Fountain Grass.)

Foliage gracefully recurved, of a pleasing dark metallic, coppery-bronze, which far surpasses in richness the finest of the bronze-leaved Cannas; attains a height of about 4 feet, the ends of the shoots being terminated by tawny crimson plumes, 10 to 12 inches long. Ready April 15th. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Cupreum. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower, gracefully recurring leaves; grows from 3 to 3½ feet high. A valuable border plant that is rapidly becoming popular. Plants ready April 15th. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Rueppelianum (Purple Fountain Grass). Grows about 3 feet high, producing long, graceful green foliage and cylindrical-purplish plumes. Young plants, ready in May, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Japonicum (Hardy Fountain Grass). This splendid new hardy variety is a distinct addition to the list of Ornamental Grasses. For description and price see page 206.

PEPEROMIA.

PEPEROMIA MACULOSA.

Maculosa. A pretty, dwarf, ornamental foliage plant, the thick leaves being bright green, veined silvery-white; exceedingly useful as a pot plant for the window. 25 cts. each; \$2.50 per doz.



CRIMSON FOUNTAIN GRASS (Pennisetum).

DREER'S SUPERB DOUBLE-FRINGED PETUNIAS.

For many years we have made a specialty of Double Petunias, and the strain which we have developed is the standard for excellence. We offer twelve of the very finest varieties selected from thousands of plants which we grew the past season.

Achille. Bright purplish-crimson, mottled white.

Artus. White, mottled and blotched with rosy-purple.

Brightness. A beautiful self-colored bright rose-pink.

Ceres. Deeply laciniated petals of a deep mauve-rose.

Elegans. Bright rosy-pink, mottled white.

Irene. Bright aniline-red.

Jubilee. Reddish-purple, blotched and variegated white.

Marvel. White with delicate lilac suffusion and purple veins.

Peerless. White suffused with delicate rosy-lilac.

Snowball. Finely fringed white.

Splendor. Delicate lilac with white variegation.

Undine. Brilliant self-colored reddish-purple.

Price, 15 cts. each; \$1.50 per doz. Set of 12 sorts, \$1.50

Single Large-flowering Fringed Petunias.

Mixed seedlings (ready end of April),

10 cts. each; \$1.00 per doz.; \$6.00

per 100.

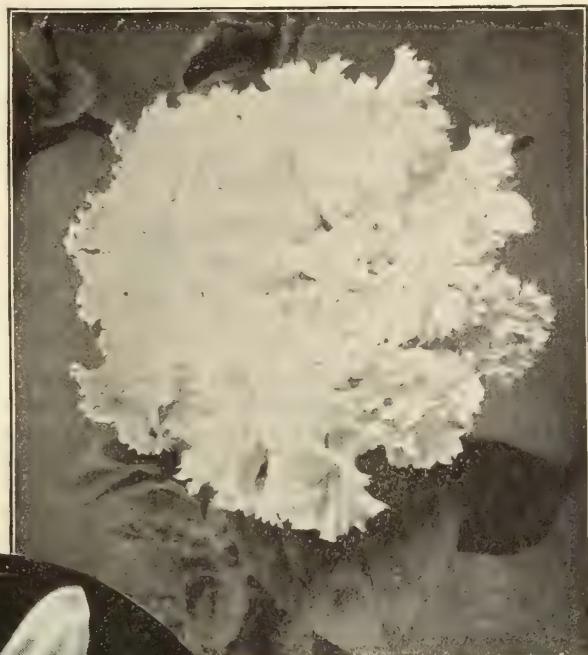
SEED OF FRINGED PETUNIAS.

We annually save a quantity of both the Double and Single-flowering sorts, see offer on page 97.

Phyllotænium.

Lindeni. A handsome hothouse plant of easy culture, with attractive light green hastate leaves, the broad rib and veins creamy-white. \$1.00 each.

Lindeni Magnificum. A variety with much larger leaves and with the variegation more decided in color. \$1.00 each.



DOUBLE-FRINGED PETUNIA.

PHILODENDRON, or MONSTERA.

Spectabilis. An interesting hot house plant with large heart-shaped dark green leaves with light veins. \$1.00 and \$1.50 each.

Pertusum. A hothouse plant of climbing habit, with large perforated leaves of grotesque appearance. \$1.00 and \$1.50 each.

Giganteum. Of strong climbing habit, with large deep green foliage; a splendid wall plant for a warm conservatory \$1.00 each.

PLUMBAGO.

PASSIFLORA PFORDTI.

(Offered on opposite page.) **Capensis.** Light lavender-blue.

— **Alba.** Color creamy-white.

Coccinea Suberba. Long racemes of showy, brilliant, bright satiny-carmine flowers.

15 cts. each; \$1.50 per doz.

POTHOS ARGYRÆA.

A pretty hothouse climber with deep green foliage, nicely variegated with silvery-white. 25 cts. each.

PUNICA (Pomegranate).

Granatum Legrelli. A splendid shrub, hardy as far north as Washington. A grand subject for the lawn, producing its large, showy, double orange-scarlet flowers the entire summer. It is best grown as a tub plant and is easily wintered dormant in a cool cellar. Strong plants, 50 cts. each.

RICINUS (Caster Oil Plant).

Handsome tropical-looking plants for centres of large beds, etc. Green and bronze-leaved sorts, ready in May and June. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.



PLUMBAGO CAPENSIS.

SALVIA SPLENDENS "BONFIRE"

(Scarlet Sage.)

This is one of the finest of the Scarlet Sages, growing in a compact bush about 2 feet high. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. One of the most effective and gorgeous bedding plants in cultivation. 10 cts. each. \$1.00 per doz.; \$8.00 per 100.

SANSEVIERIA.

Zeylanica. An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity. 15 cts. each; \$1.50 per doz.

SENECIO SCANDENS (Parlor, or German Ivy).

This well-known, tender climber is indispensable as a vase, basket or window-box plant in the summer, and the best vine for the window-garden at all seasons. 10 cts. each; \$1.00 per doz.

SMILAX.

Too well known to require any description. One of the most valuable plants for bouquets, wreaths, festoons and decorations. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

STEPHANOTIS.

Floribunda. One of the most charming hothouse climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white, deliciously fragrant flowers. \$1.00 each.

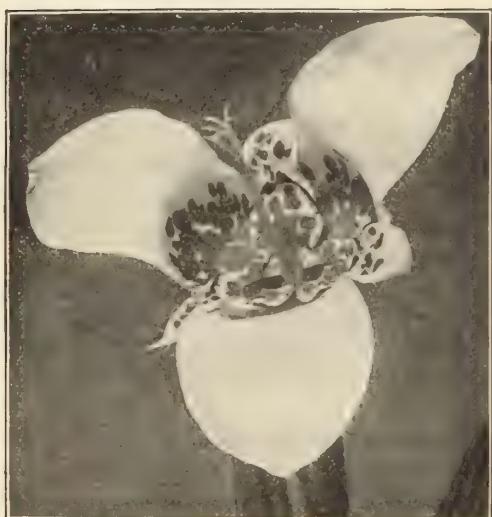
STIGMAPHYLLON CILIATUM.

(Brazilian Golden, or Orchid Vine.)

One of the prettiest tender climbers in cultivation, with large yellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air. 25 cts. each; \$2.50 per doz.



STIGMAPHYLLON CILIATUM.



TIGRIDIA.



SALVIA, OR SCARLET SAGE, BONFIRE.

SWAINSONA.

Galegifolia Alba. A most desirable everblooming plant, with pure white Sweet Pea-like flowers, produced in sprays. Its easy culture, freedom of bloom, and the grace and beauty of the flower and plant, make it popular. 15 cts. each; \$1.50 per doz.

THUNBERGIA.

Harrisii. A splendid winter-flowering greenhouse climber, with showy light blue flowers with creamy-white throat. 35 cts. each; \$3.50 per doz.

TIGRIDIAS.

(Tiger, or Shell Flower.)

These gorgeous summer-flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow

about 1½ feet high, and flower freely throughout the summer. They require the same treatment as Gladioli, and should be lifted in autumn and dried off in the same way. (See cut.)

Aurea. Rich golden yellow.**Conchiflora.** Golden-yellow, spotted crimson.**Grandiflora alba.** Ivory-white, yellow centre, spotted with crimson.**Pavonia Grandiflora.** Bright crimson, centre spotted with yellow.**Rosea.** Rose-pink with yellow variegated centre.

5 cts. each; 40 cts. per doz.; \$3.00 per 100.

DOUBLE PEARL TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm. (See illustration on opposite page.)

Extra large bulbs, 3 for 10 cts.; 25 cts. per doz.; \$1.50 per 100.



DOUBLE PEARL TUBEROSE.
(Offered on opposite page.)

Vallota Purpurea.
(Scarborough Lily).

A valuable free-flowering summer and autumn-blooming Amaryllis; color rich red. It does well planted in the open ground in May, and when in bud can be potted and removed for conservatory or window decoration. It is one of the really good window plants. Full cultural directions are given in our new book, "Dreer's Hints on the Growing of Bulbs," price 50 cts., or free to customers who ask for it when ordering. 25 cts. each; \$2.50 per doz.

VERBENAS.

Dreer's Mammoth. We have a nice collection of 12 sorts in all the best colors. 75 cts. per doz.; \$5.00 per 100.

Lemon (*Aloysia citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower. 10 cts. each; \$1.00 per doz.

VINCA.

Major Variegata (*Variegated Periwinkle*). One of the very best plants for vases and for trailing over the edges of window boxes, etc. Leaves glossy green, broadly margined creamy-white; blue flowers. Strong plants in 4-inch pots, 20 cts. each; \$2.00 per doz.

VIOLETS.

Lady Hume Campbell. Fine double blue.

Swanley White. Double pure white.

Princess of Wales. A large-flowering single variety, of rich but soft violet blue; much easier to grow than the double sorts, and amateurs would do well to confine themselves to this variety.

Good young plants, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

ZEPHYRANTHES.

(*Zephyr Flower, or Fairy Lilies*.)

Beautiful dwarf, bulbous plant, very effective for masses or borders, flowering with great profusion during the summer. They are also suitable for pot culture. 6 bulbs clustered in a 6 inch pot in the autumn will give a fine display during the winter; 8 inches high.

Alba. Pure white. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Rosea. Large rose-colored. 8 cts. each; 75 cts. per doz.; \$6.00 per 100.

ZINNIAS. (Youth and Old Age).

Improved Large-flowering Dwarf. A fine strain of this popular summer-flowering annual, growing about 2 feet high, with large flowers in a great variety of colors.

Mixed colors, ready in May and June. We illustrate these in colors in connection with our offer of seed. See page 50. 50 cts. per doz.; \$4.00 per 100.

**SPECIAL CATALOGUE OF
Old-fashioned Hardy Plants**

Giving a complete list of all the hardy plants we grow, together with their height, color, time of flowering, etc.; also showing plans of hardy borders and list of plants for filling same. Copies free on request.



VINCA MAJOR VARIEGATA.



DREER'S MAMMOTH VERBENAS.

Dreer's Specially Prepared ROSES FOR THE GARDEN



PARTIAL VIEW OF ROSE TRIAL BEDS AT OUR NURSERY, RIVERTON, N. J.

While our old customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The bulk of our Roses are field-grown plants, having been cultivated in fields during the growing season of 1914. In fall they were carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth, and to the comparatively worthless Roses which are sold so cheaply in a dormant condition. Our Roses, with few exceptions, are either home-grown or grown for us in Europe by specialists who have made a life-study of the Rose, a very large percentage of the Hybrid Teas and Hybrid Perpetuals having been received from the famous nurseries of Messrs. Dickson & Sons, Belfast, Ireland. With few exceptions, our Roses are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by its seven small leaves instead of the usual five, and should be removed close to the root. Much can be said in favor of budded plants, being more vigorous, producing finer blooms, come into bearing sooner, and are more permanent and equally as hardy as those on their own roots, and many of the choicest sorts do not succeed unless budded or grafted.

HOW TO GROW ROSES.

SITUATION. Good roses may be grown in any open, sunny position, if possible sheltered from north winds, and clear of all roots of trees and shrubs.

PREPARATION OF THE BEDS.—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is sod from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two feet or more, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds some time in advance of planting, to allow time for settling. After the soil is settled, it should be about an inch below the level of the adjacent surface; make the beds not over 3½ to 5 feet wide, which enables you to pick the blooms without stepping on the bed.

PLANTING AND SUMMER CARE.—The ideal time to plant is in the spring, just after danger from frost is past.

Tea and Hybrid Tea varieties can be set 18 inches apart, Hybrid Perpetuals two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one-half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the soil should be cultivated weekly. If this is done, watering will be rarely necessary.

PRUNING.—The Roses sent out by us in Spring require no further pruning; they are ready to plant as received. For instructions how to prune during succeeding seasons, see the directions given under the headings of the different classes in the pages following.

WINTER PROTECTION.—In this latitude we have found that the most satisfactory protection is to draw up a mound of soil from 8 to 10 inches high around the base of the plants, then covering the entire beds after the ground begins to freeze with any loose material such as strawy manure, evergreen boughs, or corn stalks, and in more severe climates heavier covering is all that is required.

ENEMIES.—When grown under favorable conditions, Roses are not so apt to be attacked by insect pests or other troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Arsenate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with a whisk broom, or any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases, but if in spite of this spraying, mildew should affect the foliage, use Sulphide of Potassium at the rate of one-half ounce to one gallon of water. This is sometimes effective where the Bordeaux Mixture fails. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green-fly or aphis, which may appear during the growing season.

HARDY EVERBLOOMING HYBRID-TEA ROSES.

For Garden culture the Hybrid-Tea Roses have now taken the foremost rank. They have been produced by crossing the free-flowering Tea Roses with other varieties, principally of the June-flowering or Hybrid perpetual classes, thus combining not only the free-flowering habit of the Tea Rose with the rich and varied colors of the other classes, but also comparative hardiness.

The greatest efforts of the world's most noted Rose-specialists during the past quarter of a century have been devoted to this class of Rose, and the results achieved have been really wonderful. Not only is every color known in Roses now represented, but there are many beautiful shades and color combinations not found in the other types.

At our Nurseries, Riverton, N. J., we have trial beds containing more than 500 varieties of Hybrid-Tea Roses alone, embracing all the standard varieties, as well as the latest introductions. An inspection of these is at all times interesting, and especially so during the height of the Rose season, usually from the middle of May until the beginning of July.

We list this season nearly one hundred varieties of Hybrid-Tea Roses. These, with the exception of a very few of the latest introductions, are all varieties which we have found from actual test in the trials noted above to be sorts of superior merit and especially adapted to our climatic conditions, each and every one a perfect gem in its particular color or form.

For best results Hybrid-Tea Roses should be severely pruned; the stronger shoots should be cut back to from 8 to 12 inches in height, while all weak, thin wood should be removed entirely.

NEW HYBRID-TEA ROSES OF 1913, 1914 and 1915

Every season the list of new Roses offered with glowing descriptions grows greater and greater. Necessarily, many of these novelties are either lacking in merit or do not suit our conditions, and with this in mind it has been our custom to select from these novelties only such that we know either from actual trial or from reliable information to be distinct and of superior merit; and while we occasionally miss a valuable variety by this careful selection, and in spite of it also occasionally include a sort which on better acquaintance is found lacking, such instances, considering the host of novelties offered every season, are comparatively few.

While the beginner or amateur, who only wants a limited number of varieties, will find just as great pleasure in adding to his collection from the older and less expensive varieties offered on pages 172 to 177, we recommend these new sorts for trial to the connoisseur who already has an extensive collection, or to those who wish to keep strictly up-to-date.

All the Roses we offer are strong two-year-old-plants.

BRITISH QUEEN.

(McGredy, 1913.)

Mr. McGredy considers this one of his most important introductions, and while in our trial beds during the past two seasons it was a disappointment in the flowers produced early; as the summer advanced it developed some very beautiful flowers, which in the bud form are slightly tinted with pink, becoming pure white when fully expanded. It is of Tea Rose form and refinement; very free-flowering and deliciously scented. Awarded a Gold Medal by the National Rose Society of England. 75 cts. each; \$7.50 per doz.

COLLEEN.

(McGredy, 1915.)

Brilliant rose, shaded rose-pink with deeper, rose-crimson, veneering on a distinct creamy-yellow ground, never fading until the petals drop. It is quite full with high pointed centre, forming a remarkably sweet-scented flower. Awarded Gold Medal by the National Rose Society of England. (See cut.) \$2.50 each.

EDITH PART.

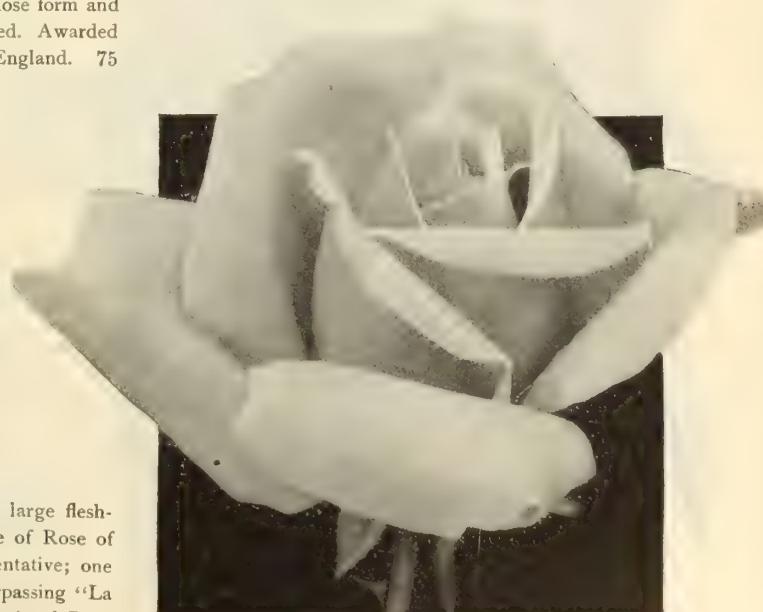
(McGredy, 1914.)

A Rose with a novel and entirely distinct blend of color, which is a rich red with a suffusion of deep salmon and coppery-yellow with a deeper shading in the bud stage of carmine and yellow; very sweetly scented. Awarded Silver Gilt Medal, National Rose Society of England. \$1.25 each.

EDGAR M. BURNETT.

(McGredy, 1915.)

Very large, full flowers of splendid form with large flesh-colored petals tinted rose; an advance on the type of Rose of which the beautiful Lady Alice Stanley is a representative; one of the sweetest scented Roses in existence, even surpassing "La France" in this respect. Awarded Gold Medal, National Rose Society of England. \$2.50 each.



NEW HYBRID-TEA ROSE COLLEEN.

NEW HYBRID-TEA ROSES—*Continued.*

FLORENCE FORRESTER.

(McGredy, 1915.)

When first opening, a lemon-tinted white, developing to a pure snow-white, the blooms even larger than Paul Neyron; of dwarf habit and of marvellous freedom of bloom for a Rose of its type. The introducer describes it as sweetly perfumed. In our own trials, however, we have failed to discover this. Awarded Gold Medal National Rose Society of England. \$2.50 each.



GENERAL SUPERIOR ARNOLD JANSSEN.

(Leenders, 1913.)

This Holland introduction, after two seasons' trial, has shown up most satisfactory in our grounds; in color an effective deep glowing-carmine, with long, finely-formed buds, the open flowers full and sweet; a splendid long-stemmed cut flower. 75 cts. each; \$7.50 per doz.

GEORGE DICKSON.

(Dickson & Sons, 1913.)

This magnificent Rose, which is illustrated on this page, is included in our "Peerless" collection and described on page 176. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.



NEW HYBRID-TEA ROSE, MAJESTIC.
(Offered on opposite page.)

NEW HYBRID-TEA ROSE, GEORGE DICKSON,

H. V. MACHIN.

(Dickson & Sons, 1915.)

Of gigantic size, and described by the introducers as the most magnificent exhibition variety they have yet introduced; in color an intensely black grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage. Awarded Gold Medal by the National Rose Society of England. \$2.50 each.

IONA HERDMAN.

(McGredy, 1915.)

A pure, clear orange-flame, surpassing in color the Petnetiana Rose, "Rayon d'Or," with true, hybrid-tea growth and character. Mr. McGredy considers it the most beautiful yellow decorative Rose in existence; free flowering; of splendid form, and sweetly scented. Awarded Gold Medal National Rose Society of England. \$2.50 each.

IRISH FIREFLAME.

(Dickson & Sons, 1914.)

A glorious single-flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold shaded with ochre. Awarded Gold Medal National Rose Society of England. \$1.25 each.

JOSEPHINE.

(Paul & Son, 1915.)

A vigorous growing variety with large, full, splendidly shaped flowers of a most pleasing rosy-flesh, the base of the petals being salmon-yellow. \$2.50 each.

KILLARNEY BRILLIANT.

(Dickson & Sons, 1914.)

This beautiful new Rose is included in our "Peerless" collection and is described on page 176; it is also shown in colors on the plate facing the above page. \$1.00 each; \$12.00 per doz.; \$90.00 per 100.

New Hybrid-Tea Roses—*Continued.*



NEW HYBRID-TEA ROSE. MME. EDOUARD HERRIOT, OR THE DAILY MAIL ROSE.

LADY MARY WARD.

(McGredy, 1914.)

This brilliant and attractive variety is included in our "Peerless" collection and described on page 176. \$1.00 each; \$10.00 per dozen.

Louise Catherine Breslau.

(Pernet-Ducher, 1913.)

Buds coral-red shaded with chrome-yellow; expanded flowers very large, full and globular, with large heavy petals of great depth of a superb shrimp-pink color, shaded with coppery-orange and chrome-yellow on the reverse of the petals; a beautiful Rose. \$1.00 each; \$10.00 per dozen.

MARCELLA.

(William Paul & Son, 1914.)

Buds buff; the opening flower, which is of splendid full, double form, is of a pleasing salmon-flesh color; the habit of the plant is vigorous, free and continuous flowering; an exceptionally fine autumnal bloomer. Award of merit from the Royal Horticultural Society of England. \$1.25 each.

**MME. EDOUARD HERRIOT,
OR THE DAILY MAIL ROSE.**

(Pernet-Ducher, 1914.)

This great new Rose is included in our "Peerless" collection; is illustrated on this page and described on page 176. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

MAJESTIC.

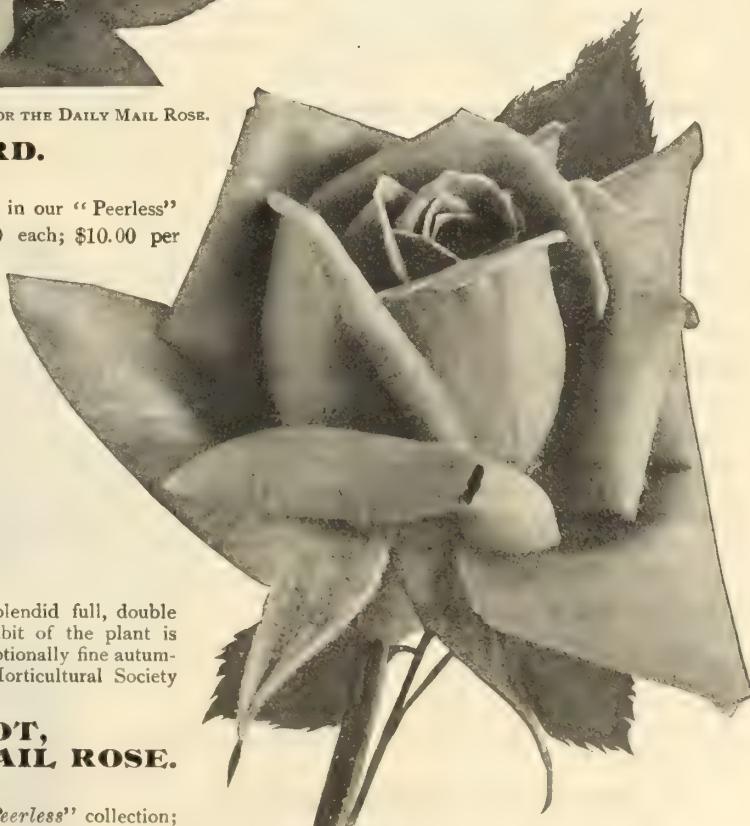
(Wm. Paul & Son, 1915.)

A splendid, fine carmine-rose with a long and full bud opening to a large double flower; it is of strong erect habit; a fine bedding variety and a most desirable cut flower. Awarded Gold Medal by the National Rose Society and a Certificate of Merit by the Royal Horticultural Society of England. (Illustrated on opposite page.) \$2.50 each.

**MEVROUW
DORA VAN TETS.**

(Leenders, 1914.)

An introduction of the Holland Rose specialists, Leenders & Co., which in competition with introductions from Rose specialists from the entire Rose-growing world was awarded the Grand Prize, a Gold Medal, at the Bagatelle Gardens in Paris in 1914 for the best foreign Rose shown, also a Gold Medal by the Holland National Rose Society. In color, it is a glowing, deep crimson with velvety shadings; the flowers are of medium size, moderately full; of robust, vigorous growth, and always in bloom. (See cut.) \$1.00 each, \$10.00 per doz.



NEW HYBRID-TEA ROSE. MEVROUW DORA VAN TETS.



NEW HYBRID-TEA ROSE
MRS. CHARLES E. PEARSON.

MME. CHARLES LUTAUD.

(Pernet-Ducher, 1913.)

A large, full, globular flower somewhat in the way of Marquise de Sinety, but with deeper colored flowers and a more vigorous habit of growth; buds ochre-yellow tinted with carmine; open flowers chrome-yellow, tinted with scarlet on the outer petals. This is undoubtedly destined to become one of our popular varieties. \$1.00 each; \$10.00 per doz.

MME. EDMOND ROSTAND.

(Pernet-Ducher, 1913.)

We are particularly well pleased with this beautiful Rose, which might be called an improvement on Prince de Bulgarie, being of more vigorous growth and warmer coloring; a pleasing soft delicate flesh shaded with salmon, and reddish orange-yellow centre, from which it varies considerably under various atmospheric conditions, but it is always beautiful: the flower is large, quite double and globular. \$1.25 each.

MRS. AMBROSE RICCARDO.

(McGredy, 1915.)

Varying in color from a deep honey-yellow, with soft but glowing rosy suffusion to a soft saffron-yellow; of great size, the largest of its type. A magnificent, delightfully fragrant Rose, and remarkably free flowering. Awarded Silver Gilt Medal by the National Rose Society of England. \$2.50 each.

MRS. CHARLES HUNTER.

(Wm. Paul & Son, 1913.)

A strong, vigorous grower with rosy-crimson flowers, changing to a pleasing rose as they fully expand; a very bold flower with large, handsome petals, produced on strong, upright stalks. \$1.00 each.

HOW TO GROW ROSES.

The cultural hints on page 166, if followed, should enable anyone to grow good Roses.

NEW HYBRID-TEA ROSES.—Continued.

MRS. CHARLES E. PEARSON.

(McGredy, 1914.)

An exquisitely colored attractive flower; orange, flushed red, apricot, fawn and yellow, of good size, and freely produced on erect stems, delightfully scented. Awarded Gold Medal National Rose Society of England. (See cut.) \$1.25 each.

Mrs. Frederick W. Vanderbilt.

(McGredy, 1914.)

Deep orange-red, shaded bronze-apricot-red, quite distinct from any other Rose in cultivation, a marvellously attractive variety in this novel coloring. The flower is perfect in shape, very fragrant, and is produced freely throughout the season. Awarded Silver Gilt Medal National Rose Society of England. \$1.25 each.

MRS. SAM ROSS.

(Hugh Dickson, 1913.)

Very large, full flowers of refined form, of a novel and uncommon color, distinct and pleasing, but difficult to describe, shading from a pale straw color to a light chamois-yellow, with a distinct flush of buff on the reverse of the petals and very sweetly scented and free-flowering. Awarded Gold Medal National Rose Society of England. \$1.00 each.

MRS. WEMYSS QUIN.

(Dickson & Son, 1915.)

Intense lemon-chrome, washed with delicate maddery-orange, shading to lemon-yellow as the flower expands, the guard petals are tinged crimson-orange; a most distinct and superb Rose. \$2.50 each.

NERISSA.

(Wm. Paul & Son, 1913.)

Received an award of merit from the Royal Horticultural Society of England. An enormously large, full flower, of fine shape, of a creamy-yellow color, the centre being tinted with peach. \$1.00 each.



NEW HYBRID-TEA ROSE OPHELIA.
(Offered on opposite page.)



NEW HYBRID-TEA ROSES.

*Continued.***OLD GOLD.**

(McGredy, 1914.)

In bud form this Rose appeals to everyone on account of its wonderful color, which is entirely distinct from and not found in any other Rose, a vivid orange-red, with coppery-red and apricot shadings, and which is further set off by the healthy, glossy, bronze-green foliage; delightfully fragrant; a vigorous grower and very free-flowering. Awarded Gold Medal National Rose Society of England. \$1.25 each.

OPHELIA.

(Wm. Paul & Son, 1913.)

Salmon-flesh shaded with rose, large and of perfect shape, of excellent habit; the flowers, standing up well on long, stiff stems, are produced very freely; a flower that has been greatly admired. Illustrated on opposite page. \$1.00 each.

QUEEN MARY.

(Dickson & Sons, 1914.)

A vigorous-growing, free-flowering Rose of great beauty and refinement; flowers of medium size and fine form, color bright canary-yellow, crayoned at the edges with pure, deep carmine, a charming color combination and most delightful contrast, as the colors do not co-mingle. Awarded Silver Gilt Medal National Rose Society of England. \$1.25 each.

SOUVENIR DE E. GUILLARD.

(C. Chambard, 1914.)

Awarded the Grand Prize, Gold Medal, at the Bagatelle Gardens, 1914, for the best new French Rose shown in competition with the best French growers. A beautiful, sweet-scented Rose, carried erect on long, stiff stems of a beautiful saffron color, shaded coppery-carmine: large, full, sweetly-scented and very floriferous. \$1.00 each.

We will supply the entire collection of New Hybrid-Tea Roses, offered on pages 167 to 171, one each of 32 varieties, in strong two-year-old plants, for \$40.00.



NEW HYBRID-TEA ROSE WILLOWMERE.

WILLOWMERE.

(Pernet-Ducher, 1914.)

Another Grand Rose that is included in our "Peerless" Collection and which is described on page 176. (See cut.) \$1.00 each; \$10.00 per doz.

Three Meritorious New Tea Roses.

LADY PLYMOUTH.

(Dickson & Sons, 1915.)

A most distinct Rose of the "Souvenir de Pierre Notting" type, whose pearly, delicate, but deep ivory-cream petals are very faintly flushed, giving it a most piquant finish that is difficult to describe. The blooms which are carried on rigid stems are very large and full, and produced continuously. Awarded Gold Medal National Rose Society of England, and Silver Medal for best Tea Rose at the Crystal Palace, London.

MRS. CAMPBELL HALL.

(Dickson & Sons, 1915.)

Delicate creamy-buff, edged or suffused rose-carmine, the centre of the flower a warm cerise coral fawn. The flowers are of immense size, with petals of great texture, which expand freely in all weathers: strongly and deliciously perfumed, and very free. The flower that gained the Gold Medal of the National Rose Society of England in 1913 was admittedly the finest individual blossom of any Rose exhibited.

MRS. S. T. WRIGHT.

(Dickson & Sons, 1915.)

The fact that this is a sport from Harry Kirk, with which it is identical except in color, will give it a welcome reception. In color the guard petals are of a delicate old gold, while the centre petals are of an orange-chrome with rose suffusion.

Price. Any of the above New Tea Roses in strong two-year-old plants, \$2.50 each, or the set of 3 sorts for \$6.50.



HYBRID-TEA ROSE
EARL OF WARWICK.

HYBRID-TEA ROSE
ARTHUR R. GOODWIN.

DREER'S SELECT LIST OF HYBRID-TEA ROSES.

Under this heading we offer on this and the following three pages the **World's best introductions of Hybrid-Tea varieties prior to the year 1913**, all of them sorts which we have had the pleasure of thoroughly testing in our own trial grounds, and which we can fully endorse and recommend to the large and small planter, and which, together with the Novelties of 1913, 1914 and 1915, which are offered on pages 167 to 171, and our "Peerless" and "Dreer" Collections of Special Sorts offered on pages 176 and 177, form what is undoubtedly the **finest and most extensive collection of Hybrid-Tea Roses ever offered to the Rose loving American public.**

Antoine Rivoire (Pernet Ducher, 1896). An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach-flesh with deeper shadings; the base of the petals yellow.

Arthur R. Goodwin (Pernet Ducher, 1909). A beautifully rich-colored coppery orange; "gold of ophir" a visitor to our trial grounds very correctly called it who saw it in one of its stages of development; as the flower matures it opens to a soft salmon-pink; a good full flower, very free and distinct.

Belle Siebrecht (Dickson & Sons, 1895). A superb Rose of a brilliant pink color; the flowers are large, of good form; buds long and tapering.

Betty (Dickson & Sons, 1905). Early in the season this is a disappointment in the first flowers which it opens, but after it becomes established it produces blooms of marvellous beauty. The plant is a strong, vigorous grower, producing in great profusion its large, deliciously-scented flowers, which are of a glowing coppery-rose color, suffused with a golden sheen.

Dean Hole (Dickson & Sons, 1904). Silvery carmine with salmon shadings; large, full and of fine form; a variety of great excellence.

Ecarlate (Boydard, 1907). Produces only medium-sized flowers, but is such a brilliant scarlet in color and such an incessant bloomer that we count it among the best bedding varieties.

Price, any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Earl of Warwick (Paul & Son, 1904). A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form, and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermillion.

Edward Mawley (McGredy, 1911). A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular centre. The growth is strong and the flowers are borne in profusion. Awarded a Gold Medal by the National Rose Society.

Etoile de France (Pernet Ducher, 1905). Color vivid crimson with darker shadings, fine cupped form, very double and of large size.

Farbenkonigin or Queen of Colors (Hinner, 1902). A very attractive and showy variety, the large, fragrant flowers being a most desirable imperial pink. One of the most popular Roses in Europe; an especial favorite with German Rose-growers.

Florence Pemberton (Dickson & Sons, 1903). A splendid large creamy-white suffused with pink, perfect in form and always in flower.

HYBRID-TEA ROSE
GRUSS AN TEPLITZ.

HYBRID-TEA ROSE LYON.

Select List of Hybrid-Tea Roses—Continued.

George C. Waud (Dickson & Sons, 1908). A beautiful variety, possessing a shade of color hitherto unknown among Roses—a glowing vermilion with orange-red suffusion. The flowers are large, full, of perfect form, and highly tea-scented. The plant is of vigorous growth and very free-flowering.

Grace Molynex (Dickson & Sons, 1908). A chaste Rose of rare beauty; the habit of growth is perfection, every shoot producing a bloom. A veritable pearl for garden decoration. The color is a creamy apricot, flesh in the centre, the outer petals when developed are a delicate creamy-white inside, with a faint pink sheen on the reverse. Delightfully tea-scented.

Grossherzog Friederich (Lambert, 1907). A highly perfumed carmine-rose pink, flower of medium size, but very floriferous; almost always in bloom.

Gruss an Teplitz (Geschwindt, 1898). This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.

Gustav Grunerwald (P. Lambert, 1903). Carmine pink, large, full, of fine form, buds long and pointed; one of the best.

Joseph Hill (Pernet Ducher, 1904). A perfect gem; of strong, clean, vigorous growth, remarkably free-flowering; in color a lovely shade of salmon-pink; the perfect flowers are large, full and double.

Konigin Carola (Turke, 1904). This variety frequently produces flowers seven inches across and perfect in form, both in bud and when fully expanded. In color a beautiful satiny-rose, with the reverse of the petals silvery rose; very floriferous and desirable in every way.

Price, any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Lady Pirrie (Hugh Dickson, 1910). Deep coppery reddish-salmon, inside of petals apricot-yellow, flushed fawn and copper; an ideal variety.

Lady Ursula (Dickson & Sons, 1908). A truly magnificent Rose, of vigorous, erect growth, possessing exceedingly free-flowering qualities. The foliage is large, massive and attractive. The flowers, produced on every shoot, are very large, full and of great substance and perfect form, with high centre, from which the petals gracefully reflex; in color a delightful shade of flesh pink, distinct from all others; delicately tea-scented.

La France (Guillot, 1867). An old favorite, and a model garden Rose in every way; flowers clear satiny-pink; large, very full and of perfect form.

La Tosca (Schwartz, 1901). Beautiful silvery pink, with deeper centre; a very vigorous grower, with large, double flowers and very free.

Lieutenant Chaure (Pernet Ducher, 1907). A splendid velvety crimson-red shaded with garnet; fine long bud with petals of cupped form; a vigorous grower and very free-flowering.

Lyon (Pernet Ducher, 1907). The long buds are tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of superb color, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips.

Mabel Drew (Dickson & Sons, 1911). A magnificent Rose, exquisitely shaped, with smooth, circular petals of great substance, arranged in perfect symmetry. The blooms are large and full. The color is deep cream, passing to intense canary-yellow in the centre as the bloom develops, with a delicious perfume and sturdy, vigorous growth. Awarded a Gold Medal by The National Rose Society.



HYBRID-TEA ROSE
MME. JULES GROLEZ.

HYBRID-TEA ROSE
MME. SEGOND WEBER.

Select List of Hybrid-Tea Roses—Continued.

Mme. Abel Chatenay (Pernet Ducher, 1895). One of the most popular Roses in England, both in the garden and as a cut flower, thousands of its beautiful buds being sold daily on the streets of London; it succeeds equally as well here, is a strong grower and produces very freely beautiful flowers of carmine-rose shaded with salmon.

Mme. Hector Leuillot (Pernet Ducher, 1904). Golden yellow-tinted carmine in the centre; a good large flower.

Mme. Jules Gravereaux (Soupert & Notting, 1901). Very large, double flesh-white shaded buff and peach color; very good.

Mme. Jules Grolez (Guillot, 1897). A beautiful satiny china rose color, very bright and attractive flowers, very double, of fine form and remarkably free-flowering; a distinct and pretty Rose, which should be planted extensively.

Mme. Melanie Soupert (Pernet Ducher, 1906). For delicate, soft coloring it is difficult to surpass this pretty semi-double variety which is particularly fine in bud form; color a charming salmon-yellow, suffused with pink and carmine.

Mme. Philippe Rivoire (Pernet Ducher, 1905). Very large flower, creamy white suffused with apricot; a most beautiful Rose, particularly so in the bud form.

Mme. Segond Weber (Soupert & Notting, 1908). A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft shade of salmon-pink which appeals to everyone.

Mary, Countess of Ilchester (Dickson & Sons, 1909). A warm crimson-carmine, flowers large, very double, with large, smooth, circular petals and delightfully scented; very free-flowering.

Price, any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Miss Cynthia Forde (Hugh Dickson, 1909). Flowers of great substance, color a deep, brilliant rose, shading on the back of the petals to a light rosy-pink. The flowers are very large, full, and of perfect form and very free-flowering and fragrant; one of the best.

Mlle. Marie Mascurand (Bernaix, 1909). Of vigorous growth, bearing its flowers on long, stout stems; these are particularly handsome in bud form, being very long and of splendid shape; in color a light yellow suffused with salmon; a really superb variety.

Mrs. Arthur Robert Waddell (Pernet Ducher, 1908). An attractively colored variety that meets with universal favor, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half expanded form; a free-flowering garden variety that should be in every collection.

Mrs. George Shawyer (Lowe & Shawyer, 1911). A beautiful, brilliant, clear rose-color, the flowers are very large, of good form; this is becoming a popular forcing variety and will also prove a good bedder.

My Maryland (J. Cook, 1909). One of the finest American introductions. Very free-flowering, every shoot bearing one or more flowers, which are double, of perfect form, of a bright but tender salmon-pink, which lightens up beautifully as the flower expands; delightfully fragrant.

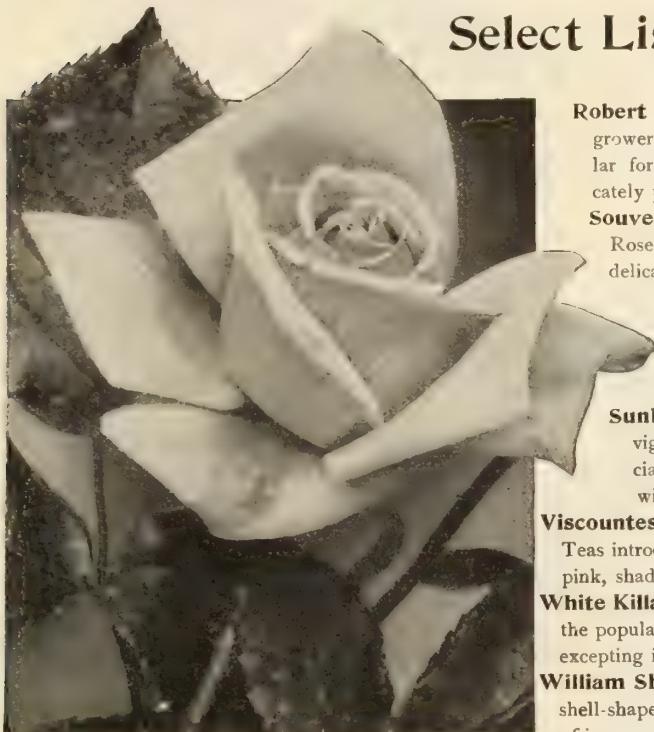
Pharisaer (Hinner, 1903). Exceptionally free-flowering, producing long buds, which open into large, double flowers of a rosy-white, shading to a pretty soft salmon.

Radiance (Cook, 1909). An ideal bedding variety of remarkably free flowering habit, of a brilliant carmine pink, with yellow shadings at the base of the petals.

Richmond (Hill, 1905). A well-known brilliant crimson-scarlet; not very double, but beautiful in bud form, and always in bloom.

Select List of Hybrid-Tea Roses

(Continued.)



HYBRID-TEA ROSE SUNBURST.

SPECIAL OFFER.—We will supply one strong two-year-old plant each of the 48 Select Hybrid-Tea Roses offered on pages 172 to 175 for \$20.00, or we will include with these our "Peerless" collection of twelve sorts offered on page 176 and the "Dreer Dozen" offered on page 177. Seventy-two Roses in all, a splendid up-to-date collection of high-grade varieties, for \$30.00.

HARDY BEDDING ROSE J. B. CLARK.

This beautiful Rose, while introduced as a Hybrid-Tea, does not conform to this or to the Hybrid Perpetual type; in fact, it seems as if though it should be placed in a separate class. The plant is of very strong branching habit, with large beautiful foliage, is perfectly hardy, and produces flowers of immense size that attract great attention. These are full double, of an intense scarlet with crimson shadings and are produced very freely during June. Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

FOUR FINE CLIMBING HYBRID-TEA ROSES

While not as free-flowering as the ordinary type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June, with a very fair scattering of blooms throughout the season. In pruning this class, cut out all small, thin wood and cut the strong shoots back to prominent eyes.

Climbing Caroline Testout. A climbing form of the popular satiny-pink.

Climbing Belle Siebrecht. Identical with its parent, a brilliant imperial-pink color.

Climbing Kaiserin Augusta Victoria. The climbing form of this most popular white Rose; very free.

Climbing Lady Ashtown. One of the best and freest flowering; very large double flowers of a soft rose color shading to yellow at the base of the petals.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz. The set of 4 varieties for \$1.75.

Robert Huey (Dickson & Sons, 1911). A strong, vigorous grower, color a warm carmine-cerise, flowers large, full, globular form, and of good substance; very free-flowering and delicately perfumed.

Souvenir du President Carnot (Pernet-Ducher, 1895). A Rose that pleases everybody; fine in form, of large size and delicate in color; a soft rose shading to white.

Souvenir de Gustave Prat (Pernet-Ducher, 1910). An ideal variety, producing its fairly large, globular flowers of a pleasing sulphur-yellow color very freely; the plant is of vigorous habit.

Sunburst (Pernet-Ducher, 1912). A superb Rose, of good vigorous habit; flowers large, of elongated cup form, especially handsome in bud form; color a rich cadmium yellow with orange-yellow centre.

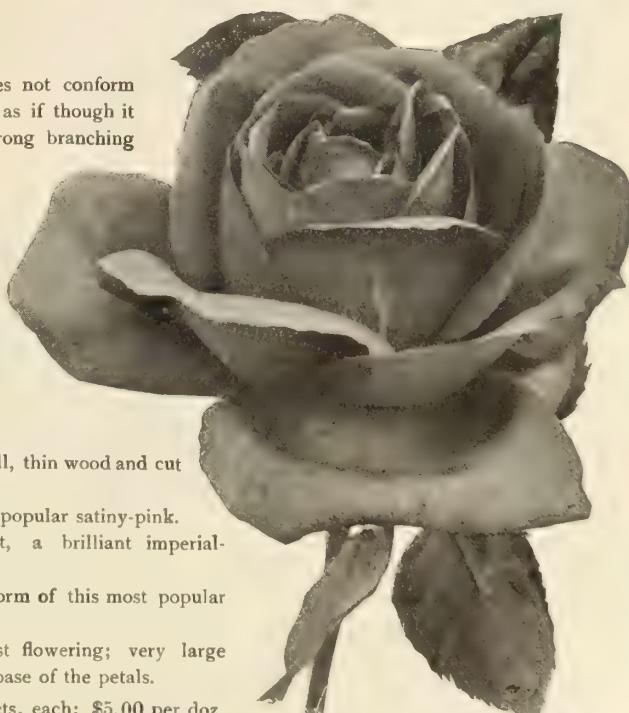
Viscountess Folkstone (Bennett, 1886). One of the first Hybrid-Teas introduced, and still the best of its color, which is a creamy pink, shading deeper at the centre; large, full and very free.

White Killarney (Waban Rose Co., 1909). A pure white sport of the popular Killarney Rose, identical in every way with its parent, excepting in color, which is a pure white.

William Shean (Dickson & Sons, 1906). Pure pink in color, with shell-shaped petals of good substance, 4 inches long; a glorious Rose of immense size and perfect form and substance.

Price. Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.



ROSE J. B. CLARK.

DREER'S "PEERLESS" COLLECTION OF TWELVE HYBRID-TEA ROSES.

This collection of Hybrid-Tea Roses is made up of varieties of recent introduction, in fact one of them, Killarney Brilliant, which is illustrated in colors on the plate opposite, is offered this year for the first time, while Mme. Herriot, popularly known as The Daily Mail Rose, and Willowmere were sensational, high-priced novelties last year. All of them, however, are sorts which have been thoroughly tried out in our own trial grounds and which we can recommend as worthy companions to, but entirely distinct from the popular "Dreer Dozen" offered on page 177, and every one of which will delight the most exacting connoisseur.

CHATEAU DE CLOS VOUGEOT.

(Pernet-Ducher, 1908.)

An ideal Rose, of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand, not unlike in color the popular Prince Camille de Rohan. Nothing in our trial beds equals this variety for richness of color; although it is only a moderate grower it is in bloom continuously throughout the season. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

DUCHESS OF WELLINGTON.

(Dickson & Sons, 1909.)

Intense saffron-yellow stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance, delightfully fragrant and very free-flowering. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

DUCHESS OF WESTMINSTER.

(Dickson & Sons, 1911.)

A peerless Tea-like Rose and one of the best in our trial grounds, with beautifully smooth and massive petals. The blooms are very large, full and perfectly formed, with high-pointed centre. Very sweetly perfumed. The color, which is very novel, is a dainty, clear rose-madder. The growth is vigorous, erect and of very free-flowering habit. A gorgeous and absolutely distinct Rose. 75 cts. each; \$7.50 per doz.

GEORGE DICKSON.

(Dickson & Sons, 1913.)

We give below Messrs. Dickson's own description of this beautiful Rose, all of which we can endorse from results seen in our own trial grounds. The only fault we can find is that it has not, with us, the perpetual flowering habit expected in a hybrid-tea Rose; but when one realizes the brilliant gorgeous display of deliciously fragrant flowers which it furnishes during June, equalled by no other high-colored variety, this one point can be overlooked: "Its vigorous growth, its thick leathery beech-green cordate foliage, bespeak rare constitution; it produces huge blooms quite five inches across. It never blues, browns or seals, and its huge leathery shell-shaped petals have wonderful lasting qualities, and are symmetrically arranged in the much-to-be-desired globular type. The color is velvety black scarlet-crimson with brilliant scarlet reflexed tips, with heavy and uniquely pure crimson-maroon veining on the reverse. The blooms open naturally." Awarded Gold Medal, National Rose Society of England. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

KILLARNEY BRILLIANT.

(Dickson & Sons, 1914.)

Probably no Rose ever introduced gained public favor so quickly as the original Killarney, and which to-day, after being on the market for over 16 years, is still the most popular Rose grown. We sell more of it than of any other one variety. Killarney Brilliant is a sport from the original Killarney, in which we have a Rose far more intense and rich in coloring, (which is well shown on the plate opposite), it being almost a crimson of a rich glowing shade, and in addition to its rich color it is also larger and more double than its parent. A truly magnificent Rose which we can endorse in every way. \$1.00 each; \$12.00 per doz.; \$90.00 per 100.

LADY ALICE STANLEY.

(McGredy, 1909.)

Deep coral-rose, inside pale flesh, slightly flushed deeper flesh; a remarkably attractive and pleasing color combination. The blooms are very large, full, of great substance and produced very freely and deliciously fragrant; one of the best bedding varieties. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

One strong two-year-old plant each of the above 12 "Peerless" varieties for \$7.50.

LADY MARY WARD.

(McGredy, 1913.)

Rich orange, shaded deeper apricot-orange with a decided metallic veneering, very brilliant and attractive and entirely distinct. A color that will appeal to all, a strong grower, very free and sweetly perfumed. Awarded Gold Medal National Rose Society of England. \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

MARQUISE DE SINETY.

(Pernet-Ducher, 1906.)

Every one who has seen this beautiful Rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, which is of good size, is fairly double, of a rich golden-yellow or Roman ochre, shaded with bright rosy-red, delightfully fragrant. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

Mme. Edouard Herriot. The Daily Mail Rose

(Pernet-Ducher, 1914.)

Winner of the Gold Cup, which was offered by the London *Daily Mail*, for the BEST NEW ROSE, exhibited at the International Horticultural Exhibition, held in London, England, May, 1912. In competition with the world's greatest rosarians this much coveted prize was awarded to M. Pernet-Ducher for this wonderful novelty. It was again exhibited in London on May 1, 1913, at the Exhibition of the National Rose Society of England, where it was awarded the Society's Gold Medal.

The plant is a strong, vigorous grower, of spreading, branching habit, with numerous long thorns and bronzy-green foliage. M. Pernet-Ducher describes its color as follows: "Buds coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral-red, shaded with yellow and bright rosy-scarlet passing to shrimp-red." One of our American correspondents, a friend of the introducer, says: "A Wonderful Rose. The bud is long, slender and pointed, the color is like sunshine on a copper-red metal." 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Mme. JENNY GILLEMOT.

(Pernet-Ducher, 1905.)

One of the most beautiful Roses in our collection, especially in bud or semi-expanded form, the petals being heavy, shell-like and of unusual length; in color a soft delicate shade of nankeen-yellow suffused with carmine, a most pleasing color combination. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

MOLLY SHARMAN CRAWFORD.

(Dickson & Sons, 1908.)

While introduced as a Tea Rose we have in our trials found it quite as hardy as the Hybrid-Tea varieties, and we therefore include it in collection as the best white everblooming. The flowers on first opening are creamy-white, becoming purer as they expand; they are large, full, double and delightfully fragrant, and are produced very freely and last a long time in good condition. 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

WILLOWMERE.

(Pernet-Ducher, 1914.)

This splendid introduction is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine-pink towards the edges of the petals. It may be described as an advance on the Lyon Rose, which it much resembles. \$1.00 each; \$10.00 per doz.



New Irish
HYBRID-TEA ROSE
"Killarney Brilliant"

Painted from Nature
for
Henry A. Dreer
PHILADELPHIA



McAaron Ward

General MacArthur

Three of
DREER'S
Collection of
Twelve - Best
HYBRID - TEA
ROSES

Jonkheer J.L. Mock

“THE DREER DOZEN”

Hardy Everblooming Hybrid-Tea Roses.

For many years it has been customary for us to offer under this heading only the most popular, well tried varieties of Hybrid-Tea Roses, with the majority of which every lover of the Rose is familiar.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months. Those who desire a more extensive collection should include Dreer's “Peerless” Twelve, offered on page 176, which we can recommend just as strongly; in fact in our entire collection of Hybrid-Tea Roses offered on pages 167 to 177 there is not one individual sort which we cannot endorse as possessing superior merit, and with the exception of a very few of the 1915 novelties, which come to us from noted reliable specialists, all have been thoroughly tested in our own trial grounds.

CAROLINE TESTOUT.

One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

GENERAL MacARTHUR.

As an all-round garden Rose, there is no variety of its color—a rich crimson-scarlet—which will give equal satisfaction; a clean, healthy vigorous grower, producing its sweetly scented flowers of good double form in great profusion even under the most unfavorable weather conditions. Illustrated on plate opposite.

JONKHEER

J. L. MOCK

Although introduced only five years ago, this beautiful Rose has quickly found its place among our best bedding varieties. The flowers, which are produced with the greatest freedom on long, stiff stems, are of large size and of perfect form, of a deep imperial-pink, the outside of the petals silvery rose-white; highly perfumed. (Illustrated on plate opposite.)

KAISERIN AUGUSTA VICTORIA.

This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower, with bold, handsome foliage

KILLARNEY.

This is, perhaps, the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses, and also one of the leading varieties for winter cut flowers. It is perfectly hardy; in growth it is strong and robust, and as free-flowering as any Rose we know. In color it is a sparkling brilliant-pink; the blooms are large, the buds long and pointed, the petals very large and of great substance, and just as handsome in the full-blown flower as in the bud form. (See cut.)

LADY ASHTOWN.

One of the freest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double, with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals.

Price: Any of the above in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100.

One each of the “DREER DOZEN,” a fine collection, for \$5.00.

NOTE.—All Roses are supplied in strong two-year-old plants.

LAURENT CARLE.

Produces its large, deliciously scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower, and as hardy as a Hybrid Perpetual.

MME. LEON PAIN.

Entirely distinct in color, a silvery salmon, with deeper orange-yellow, shaded-centre, the reverse of the petals being a salmon-pink; flowers large, full and well formed; very free-flowering.

MME. RAVARY.

Should be in every collection on account of its distinct color, which is of a rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant.

MRS. AARON WARD.

Few Roses in our trial grounds attract as much attention as this beautiful French introduction, which in color is a distinct shade of Indian-yellow, which is more decided in dry than wet weather, the yellow shading sometimes disappearing almost entirely in extended periods of wet, cold weather; one of the freest-flowering varieties in our collection. (Illustrated on plate opposite.)

MRS. WAKE- FIELD CHRISTIE-MILLER.

Entirely distinct, the petals having wavy or crimped edges, the flowers are very large and full double, of a soft pearly blush shaded salmon; the outside of the petals a clear vermillion-rose, an attractive color combination. Habit of plant vigorous, free and perpetual-flowering.

PRINCE DE BULGARIE.

Large, full, double flowers of splendid form, of a silvery flesh color, deepening to the centre, and delicately shaded with salmon-rose, a color combination that pleases everyone.



HYBRID-TEA ROSE
KILLARNEY.

DREER'S TWELVE "BEST" TEA ROSES.

Tea Roses have always been admired for their delicious fragrance and for their delicacy of coloring, but many of the varieties have now been superseded by the Hybrid-Tea class. The dozen kinds which we list below are the cream of the standard varieties, all of them sorts well worthy of a place alongside of the Hybrid-Tea class. All are offered in strong two-year-old plants that will give an abundance of flowers this season. The Tea Roses do not require the severe pruning recommended for the Hybrid-Teas; cut out all thin wood and cut back the stronger shoots to a prominent eye.

Duchesse de Brabant. An old favorite, probably the most deliciously scented Rose grown; bright silvery-pink, always in bloom. 40 cts. each; \$4.00 per doz.

Harry Kirk. A splendid Rose, of most robust growth, with free-branching habit, flowering freely and continuously; the blooms are large, with large, smooth petals of great substance; the form is perfect, the buds long and elegant; color deep sulphur-yellow, passing to a lighter shade at the edges of the petals. Awarded a Gold Medal by the National Rose Society of England. 50 cts. each; \$5.00 per doz.

Hugo Roller. Described by the introducers as follows: "A pictorial flower of the most elegant combination of colors. The ground color is rich lemon-yellow, the petals being edged and suffused with crimson; flowers of medium size, of good shape, and very freely produced throughout the season until late in autumn. Growth vigorous." 75 cts. each; \$7.50 per doz.

Lady Hillingdon. A recent introduction, of a beautiful coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower and very free-flowering. 50 cts. each; \$5.00 per doz.



TEA ROSE LADY HILLINGDON.

Maman Cochet. An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery-rose; very double and exquisite in bud or when full-blown. 40 cts. each; \$4.00 per doz.

Marie Van Houtte. White, tinted with yellow, often edged with rose; large, full, of fine form and an abundant bloomer. 40 cts. each; \$4.00 per doz.

Mrs. Herbert Stevens. A beautiful white Rose, a flower of faultless form, buds long and pointed, quite full, pure white with occasionally fawn or peach-colored shadings in the centre; exceptionally free-flowering. 50 cts. each; \$5.00 per doz.

Mrs. Myles Kennedy. A delicate silvery-white, shaded buff and pink in the centre, the back edges of the petals shaded a deeper pink; the flowers are large, full and perfect in form. Awarded Gold Medal by the National Rose Society of Eng- land. 75 cts. each; \$7.50 per doz.

Souvenir de Catherine Guillot. Coppery-carmine, shaded with yellow, an exceedingly rich-colored Rose of great excellence. 50 cts. each; \$5.00 per doz.

Souvenir de Pierre Notting. A beautiful canary-yellow, suffused with apricot in the centre; flower of good size; a very pretty Rose. 50 cts. each; \$5.00 per doz.

White Maman Cochet. Identical, except in color, with Maman Cochet; a splendid bedder. 40 cts. each; \$4.00 per doz.

William R. Smith. A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form; creamy white with rose shadings. 40 cts. each; \$4.00 per doz.



TEA ROSE, HARRY KIRK.

SPECIAL OFFER.

We will furnish one strong two-year-old plant each of the above twelve Tea Roses for \$5.00.



NEW HYBRID PERPETUAL ROSE, GEORGE ARENDS.

Two New HARDY HYBRID PERPETUAL ROSES.

George Arends, or Pink Frau Karl Druschki.

This is a pink, or rather a tender rose-colored form of the popular white Rose, Frau Karl Druschki, possessing not only the noble form, large size and remarkable free-flowering habit of its parent, but in addition to this it is also highly perfumed. We feel confident that this variety will be one of the most popular Roses of the future.

Gloire de Chedane Guinoisseau. We have always recommended the Rose, Ulrich Brunner, as such a standard of perfection that we hesitate to compare another variety to it, but in our trial grounds this newcomer not only equals but surpasses in size of flower, form and in brilliancy of color, which is of a bright vermillion-red with velvety shadings; a splendid acquisition.

Strong two-year-old plants of the above 75 cts. each; \$7.50 per doz. One each for \$1.25.

HYBRID PERPETUAL ROSE "AMERICAN BEAUTY."

We can supply this beautiful *forcing* Rose, but do not recommend it for outdoor culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, except in favored locations, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. Strong two-year-old plants, 50 cts. each; \$5.00 per doz.

THE TWELVE "BEST" HARDY GARDEN ROSES.

HYBRID PERPETUALS.

The twelve varieties listed below are unquestionably the best dozen that can be selected in the Hybrid Perpetual class, which, before the development of the Hybrid-Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established. The collection here offered embraces as complete a range of colors as it is possible to bring together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

The plants offered are exceptionally heavy two-year-old stock, which will, under ordinary conditions, give a full crop of flowers this season; and while their main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn. The cultural hints given on page 166 should assist the amateur in getting the largest measure of success from these plants.

Pruning. Cut away all weak growth, and if quality of bloom is desired, cut back the strong canes to within 8 or 9 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

Baron de Bonstetten. Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

Baroness Rothschild. A superb Rose, of pale, satiny-rose; very large.

Captain Christy. Delicate, flesh-tinted white; a large, full flower of good form; very free-flowering.

Frau Karl Druschki. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

General Jacqueminot. Brilliant scarlet-crimson; an old favorite and one of the best known roses in cultivation; does well everywhere.

Gloire Lyonnaise. White, tinted with yellow; large, full and of good shape; very distinct and pleasing.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose, and a strong, vigorous grower; one of the best.

Mrs. R. G. Sharman Crawford. Deep rosy-pink, outer petals shaded with pale flesh; a beautiful Rose in every respect.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering; always does well and stands very close to the top among fine Roses.

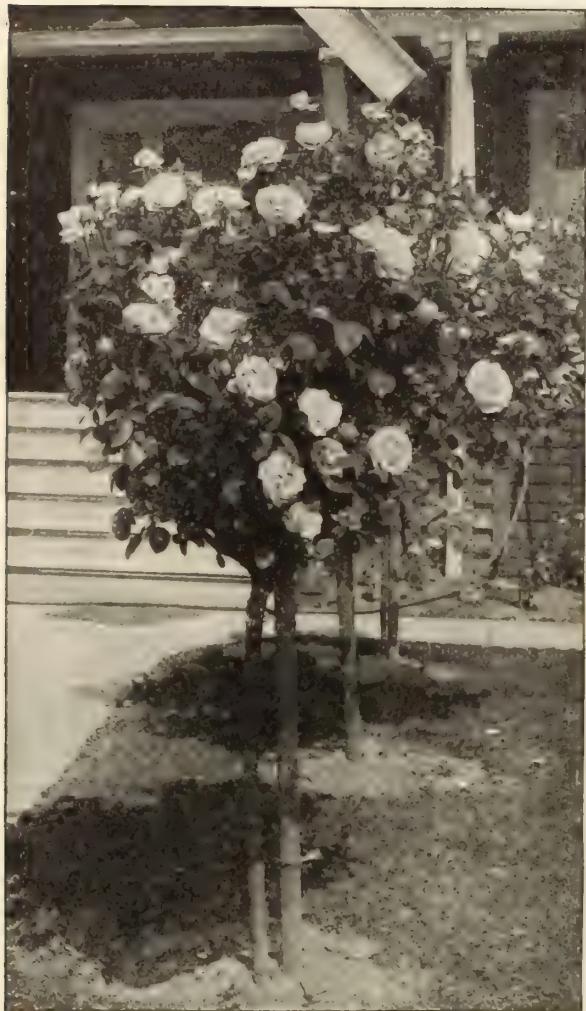
Paul Neyron. Dark rose, of enormous size; perhaps the largest of all.

Prince Camille de Rohan. Deep velvety crimson-maroon, shaded scarlet; a magnificent dark Rose.

Ulrich Brunner. Bright cherry-red; flowers large and full; a good strong grower and always does well.

[Extra strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

Set of 12 "Best" Hybrid Perpetual Varieties for \$5.00.



TREE-SHAPED ROSES.

TREE-SHAPED ROSES.

The following choice varieties can be supplied in tree-shaped form, on sturdy, hardy stems from $3\frac{1}{2}$ to 4 feet high.

Baroness Rothschild (*Hybrid Perpetual*). Very large satiny-rose.

Caroline Testout (*Hybrid Tea*). Large free satiny-rose with deeper centre.

Fisher Holmes (*Hybrid Perpetual*). Deep crimson, full perfect form.

Frau Karl Druschki (*Hybrid Perpetual*). The popular favorite white.

General Jacqueminot (*Hybrid Perpetual*). Well known brilliant scarlet-crimson; favorite.

Gruss an Teplitz (*Hybrid Tea*). Brilliant scarlet, always in flower.

J. B. Clark (*Hybrid Perpetual*). Of immense size, scarlet with crimson shadings.

Kaiserin Augusta Victoria (*Hybrid Tea*). Soft pearly white tinted lemon, of beautiful form.

Killarney (*Hybrid Tea*). Sparkling brilliant pink; everybody's favorite.

Mme. Jules Grolez (*Hybrid Tea*). Beautiful satiny china-rose, one of the best.

Mrs. John Laing (*Hybrid Perpetual*). Soft pink of beautiful form and deliciously scented.

Magna Charta (*Hybrid Perpetual*). Bright pink suffused carmine; a beautiful Rose.

Mrs. Aaron Ward (*Hybrid Tea*). Beautiful Indian-yellow.

Ulrich Brunner (*Hybrid Perpetual*). Bright cherry-red; one of the best.

Price : Any of the above Tree Roses, \$1.00 each; \$10.00 per dozen.

One each of the fourteen sorts for \$11.50.

MEMORIAL OR EVERGREEN ROSES.

The type of this group of Roses, *Rosa Wichuraiana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy, and are recommended for covering graves; hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees or for trailing over rocks or rough ground; in fact, anywhere where a climbing or trailing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants almost the entire winter, making them practically evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts. (See page 184.)

Evergreen Gem. Flowers buff, changing to creamy white, very double, foliage dense, of rich bronzy green.

Gardenia. Buds bright yellow, opening double flowers of a cream color, incurving towards evening to the shape and of the color of a Cape Jessamine; hence its name.

Pink Roamer. Strong grower, with clusters of single, bright, rich pink flowers and almost white centre; orange-red stamens.

South Orange Perfection. Dwarf, trailing habit, double flowers, blush pink at tips, changing to white.

Triumph. Double white flowers, produced in clusters; sweet scented.

Universal Favorite. Flowers very double, of a pretty rose color.

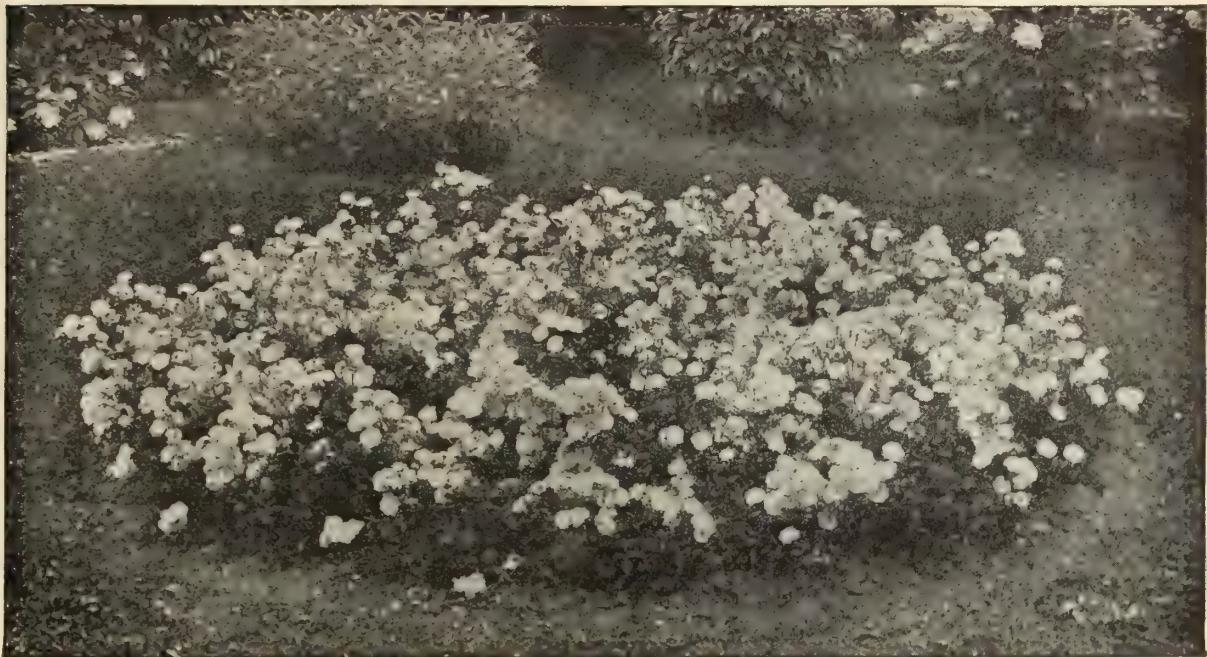
Wichuraiana. Beautiful fragrant single pure white flowers, with yellow stamens, followed in fall with bright red hips or berries.

Strong two-year-old plants, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Sets of 7 sorts, \$2.00.



MEMORIAL ROSE.



A BED OF BABY RAMBLER ROSES.

BABY RAMBLER AND POLYANTHA ROSES.

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers. Pruning is not necessary; simply remove the past season's flower stems.

Anchen Muller (*Pink Baby Rambler*). Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

Cecile Brunner (*The Fairy Rose*). A Polyantha variety with dainty double little flowers of perfect form, produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

Clothilde Soupert (*Polyantha Rose*). An old favorite, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the centre; very free-flowering and deservedly popular.

Ellen Poulsen. A very fine dark brilliant pink; large, full, sweet-scented; vigorous habit and most floriferous.

Erna Teschendorff. A "sport" from the Crimson Baby Rambler, as bright as Gruss an Teplitz, the well-known Hybrid-Tea, which has been well described as the "Reddest of all red Roses."

Katherina Zeimet (*White Baby Rambler*). Pure white flowers, showing the yellow stamens very prettily. A free and continuous bloomer.

Price. Any of the above, strong two-year-old plants, 40 cts. each; \$4.00 per doz.; \$30.00 per 100. One each of the 12 sorts for \$4.00.

CHINESE OR BENGAL ROSES.

An old favorite type which is as beautiful and sweet now as it was in the gardens of half a century ago, and which deserves as great a popularity to-day as it had in years past. Compared with other Roses the flowers as well as the growth are small; but where an abundance of bloom is wanted they are unequalled, especially so as they will flourish under soil and climatic conditions in which the high-bred varieties will not thrive; splendid for massing, and hardy with slight protection.

Charlotte Klemm. Fiery red, shaded with cinnabar and blood-red, semi-double, of medium size and of great brilliancy of color.

Comtesse de Cayla. Very distinct and rich in coloring, coppery carmine shaded with orange and yellow.

Strong two-year-old plants, 40 cts. each; \$4.00 per doz.; \$30.00 per 100. One each of the 4 varieties for \$1.50.

Louise Walter (*Baby Tausendschön*). Identical in color to the popular climbing Tausendschön, a soft, tender shade of pink; flowers 1½ to 2 inches in diameter produced throughout the season in trusses of 10 to 20 flowers each.

Mme. Jules Gouchault. A vigorous grower, producing long stems with erect panicles of 25 to 50 most perfectly formed flowers of a bright vermillion-red shaded orange-red, passing as they mature to a lively bright rose color.

Mme. Norbert Levavasseur (*Crimson Baby Rambler*). Similar in color to the climbing Crimson Rambler. One of the most popular.

Mrs. Cutbush (*Cerise-pink Baby Rambler*). Identical in color to the beautiful Lady Gay Rambler; always in flower.

Orleans. One of the best; flowers of good size of brilliant geranium-red, becoming suffused with rose as the flowers mature, and large white centre; a very pretty color combination.

Yvonne Rabier. A splendid white variety, with full double flowers produced in great profusion; a variety, when once known, is certain to become very popular.

HERMOSA.

A well-known old favorite, bright double pink, always in bloom.

Queen's Scarlet, or Agrippina. Bright crimson-scarlet, very free; an old favorite.



DOUBLE RAMANAS OR RUGOSA ROSE.

BEAUTIFUL SINGLE ROSES.

The simplicity of the Single Roses appeals to everyone, and as grown by the Dicksons in Ireland they are particularly handsome, and many interesting varieties have been introduced during the past dozen years. From these we have selected the two varieties offered below, which have been very attractive in our trial grounds, and which will add charm and beauty to any garden.

Irish Brightness. A brilliant, vivid crimson, shading to pink at the base of the petals.

Simplicity. Pure white, of immense size; awarded a gold medal by the National Rose Society of England.

Strong 2-year-old plants, 50 cts. each;
\$5.00 per doz.

MOSS ROSES.

A class of Roses which are much admired. The beauty of the flower consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Blanche Moreau. Lovely large, pure white.

Countess de Murinais. Large white, beautifully mossed.

Crested Moss. Rose color, beautifully crested.

Crimson Globe. Deep crimson, large and full.

Gloire de Mosses. Blush, very large and full.

Princess Adelaide. Bright silvery rose; large.

Extra strong 2-year-old plants, 50 cts. each;
\$5.00 per doz. Set of 6 sorts, \$2.50.

RAMANAS OR RUGOSA ROSES.

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Rosy carmine. | **Rugosa Alba.** Pure white.

Extra strong 2-year-old plants, 30 cts. each; \$3.00 per doz.;
\$20.00 per 100.

Double Ramanas or Rugosa Roses.

Blanc Double de Coubert. A splendid double pure white.

Conrad Ferdinand Meyer. Clear silvery rose with beautifully formed buds.

Hansa. An attractive double reddish-violet.

Nova Zembla. A hybrid variety in which the foliage is entirely distinct from the type; forms large shrub-like bushes 6 feet or more high, making it a most desirable variety to plant in the shrubbery border; the flowers are large, double, of fine form, white, with a pleasing flush of pink, and produced throughout the summer.

Strong 2-year-old plants, 50 cts. each; \$5.00 per doz. Set of 4 sorts, \$1.75.

DAMASK ROSES.

These two old Roses should be in every garden. Though they bloom but once a year, their fragrance, perfect hardiness and the abundance of flowers they produce make them indispensable.

Cabbage, or Provence. Rosy-pink flowers.

White Provence. Pure white, delightfully fragrant.

Strong 2-year-old plants, 50 cts. each; \$5.00 per doz.



RAMANAS OR RUGOSA ROSE.

NEW PERNETIANA ROSES, or Hybrid Austrian Briers.

A new type of Roses, the result of crossing Austrian Copper and Yellow Brier Roses with various other types; all are of strong, vigorous growth, flowering profusely in early summer and producing some bloom during the late summer and fall; a most distinct and interesting class. These should be pruned in the same way as the Hybrid Perpetuals. (See page 179).

Beaute de Lyon. Forms a large, globular flower of splendid shape, of a coral-red color shaded with yellow. Beautiful, large, rich glossy foliage. Very desirable and free.

Juliet. This beautiful variety attracts great attention, and when better known is certain to become popular. It is a most distinct and attractive novelty, with large, perfect flowers. The outside of the petals is old gold, the interior rich rosy-red changing to deep rose as the flowers expand; of powerful, delicious fragrance.

Rayon d'Or, or Golden Rays. A gorgeous new golden-yellow Rose. A vigorous, strong grower, with glossy foliage, which appears immune to the attacks of mildew. Flowers large, of globular form, color yellow cadmium as the buds begin to expand, toning to golden-yellow as they fully develop; a superb Rose and very free-flowering.

Soleil d'Or, or Golden Sun. Varies from orange-yellow to reddish gold, shaded with Nasturtium-red; large, full, perfectly double flowers; a strong grower.

Price : Strong two-year-old plants, 50 cts. each; \$5.00 per doz. One each of these four novel Roses for \$1.75.

Austrian, or Yellow Brier Roses.

A very hardy type, producing medium-sized flowers of the most pleasing and rich shades of yellow, copper, etc. This class requires little or no pruning, simply cut out superfluous and dead wood.

Austrian Copper. Beautiful bright reddish-copper; single.

Austrian Yellow. Very deep yellow; single; beautiful.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100. One each of the 4 sorts for \$1.75.



LORD PENZANCE'S HYBRID SWEET BRIERS.

Harrison's Yellow. Fine double golden-yellow flowers.

Persian Yellow. Large, deep golden-yellow; extra fine.

LORD PENZANCE'S HYBRID SWEET BRIERS.

A correspondent of "Gardening" says of this class: "My collection of these beautiful hybrid Roses bloomed finely this season. The flowers are large and clear in color, and single or semi-double. In the part of my grounds where they are grown the atmosphere was heavy with the delicious scent of the Sweet Briers. They are strong, vigorous growers, throwing long, graceful branches which are wreathed with flowers. These lovely hybrids are crosses between the common Sweet Brier and various other Roses, and like their parent, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion, and the plants are perfectly hardy, and possess a robust vigor which is quite astonishing. On no account should they be pruned beyond removing whatever branches are undesirable to keep. If pruned back like ordinary Roses, they produce very few blossoms. Give each plant a 4 to 6 foot long stake and tie up some of the leading shoots to it. These Briers are seen to best advantage when isolated on the lawn, or if grouped set far enough apart to allow of each plant having unrestricted freedom and its branches to hang gracefully and naturally."

Anne of Gerstein. Dark crimson, of graceful habit.

Brenda. Maiden's blush or peach, dainty in color and shade; the effect of the golden anthers adds a peculiar charm.

Lady Penzance. Beautiful soft tint of copper, with a metallic lustre; the base of each petal is a bright yellow, which, showing through the golden anthers, forms a halo round them; very free-flowering, with a delicious perfume from foliage and flower.

Lord Penzance. Soft shade of fawn or ecru, passing to a lovely lemon-yellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer, very sweet-scented.

Meg Merrilles. Gorgeous crimson, very free-flowering, wonderfully robust habit, large foliage; one of the best.

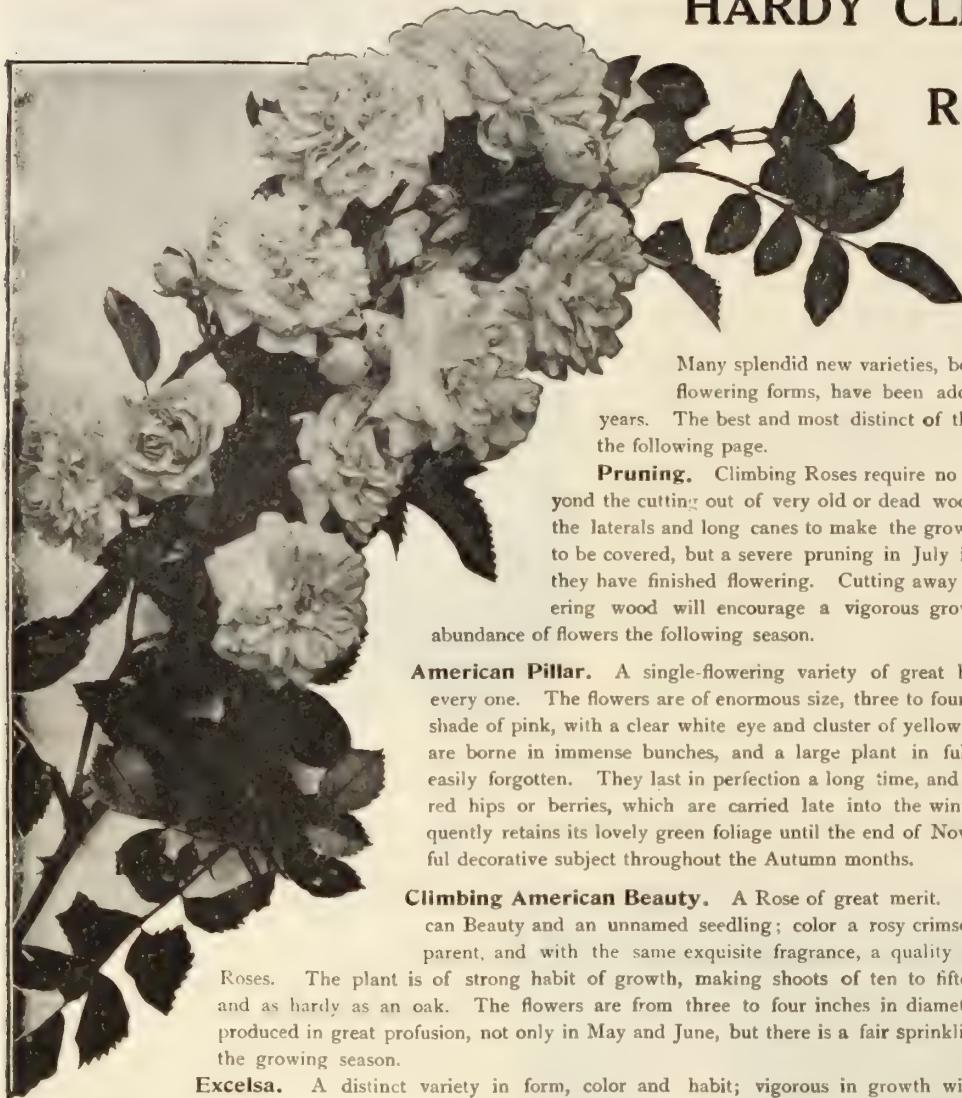
Refulgence. Semi-double flowers, $3\frac{1}{2}$ inches across; on first opening a dazzling scarlet, changing to bright crimson as they develop, intensified by the golden stamens.

Common Sweet Brier. This is the true English Sweet Brier, or Egantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves. 40 cts. each; \$4.00 per doz.

Price. Except where noted, in extra strong two-year-old plants, 50 cts. each; \$5.00 per doz. Set of 7 sorts, \$2.75.



AUSTRIAN, OR YELLOW BRIER ROSES.



RAMBLER ROSE
DOROTHY PERKINS.

Aviateur Bleriot (*The New Yellow Rambler*). We have discarded the old yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful glossy, insect and disease-proof foliage, and bearing large clusters of medium-sized full double flowers of a saffron yellow, deepening to an almost golden-yellow at the centre. Strong two-year-old plants, 75 cts. each; \$7.50 per doz.

Christine Wright. A most exquisite Rose, a cross between Caroline Testout and an unnamed seedling; it is of strong climbing habit, with large, heavy, dark green foliage, which is immune to disease. The flowers are double, from $3\frac{1}{2}$ to 4 inches in diameter, borne singly and in clusters, of perfect form, beautiful in the bud and in the fully expanded flower; in color a most refreshing bright wild-rose pink; it flowers profusely during June, and continues more or less throughout the season.

HARDY CLIMBING AND RAMBLER ROSES.

Since the introduction of the Crimson Rambler, in 1894, this class of Roses has continued to gain in popularity.

Many splendid new varieties, both in single and double-flowering forms, have been added during the past few years. The best and most distinct of these we offer on this and the following page.

Pruning. Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered, but a severe pruning in July is beneficial directly after they have finished flowering. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

American Pillar. A single-flowering variety of great beauty, which appeals to every one. The flowers are of enormous size, three to four inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter; and as the plant frequently retains its lovely green foliage until the end of November, it forms a beautiful decorative subject throughout the Autumn months.

Climbing American Beauty. A Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson, similar to its popular parent, and with the same exquisite fragrance, a quality rarely found in climbing Roses. The plant is of strong habit of growth, making shoots of ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season.

Excelsa. A distinct variety in form, color and habit; vigorous in growth with healthy dark, glossy green foliage. The flowers are very double, produced in large trusses of thirty to forty, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson-maroon, the tips of the petals tinged with scarlet. The individual flowers are very large for a climbing Rose, being similar to those of the General Jacqueminot, only the petals are of a more loose form. This may be termed a great improvement on the Crimson Rambler, which it is sure to supersede, if only on account of its foliage, which is mildew proof.

Crimson Rambler. This was the first of the Rambler Roses, and was introduced from Japan in 1894. It is too well known to require description. Everyone is familiar with its large clusters of crimson flowers.

Dorothy Perkins. Soft shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way. (See cut.)

Dr. W. Van Fleet. An exquisite flower, long pointed buds of a rich flesh-pink on stems 12 to 18 inches long, splendid for cutting. The plant is of strong, vigorous growth, with dark glossy foliage that resists mildew and insects; one of the best and most distinct.



HARDY CLIMBING ROSES.

(Continued).

Hiawatha. There is no other climbing Rose so brilliant as Hiawatha. It must be seen to be appreciated. Its flowers are about $1\frac{1}{2}$ inches across, and produced in long, pendulous sprays, with frequently from 40 to 50 flowers on a spray. In color it is brilliant, ruby-carmine, with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance. The plant is of strong, vigorous growth, with bright green, glossy foliage, which is retained until late in fall. (See cut.)

Lady Gay. A most desirable variety of remarkable, vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom with the combination of the soft pink flowers, cherry-pink buds, and the deep green of the foliage is indeed charming.

Paul's Carmine Pillar. The earliest of the climbing Roses to come into flower, it coming into bloom two weeks before any other variety; the flowers are large and very showy, single and of perfect form, of a rich rosy-carmine with white eye. Strong two-year old plants, 75 cts. each; \$7.50 per doz.

Silver Moon. Flowers very large, four and a half inches and over in diameter, pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the centre adds to its attractiveness. These flowers are borne on strong stems 12 to 18 inches long, and are delicately scented. The plant is a strong grower, with large, glossy bronze-green foliage. Strong two-year old plants, 75 cts. each; \$7.50 per doz.

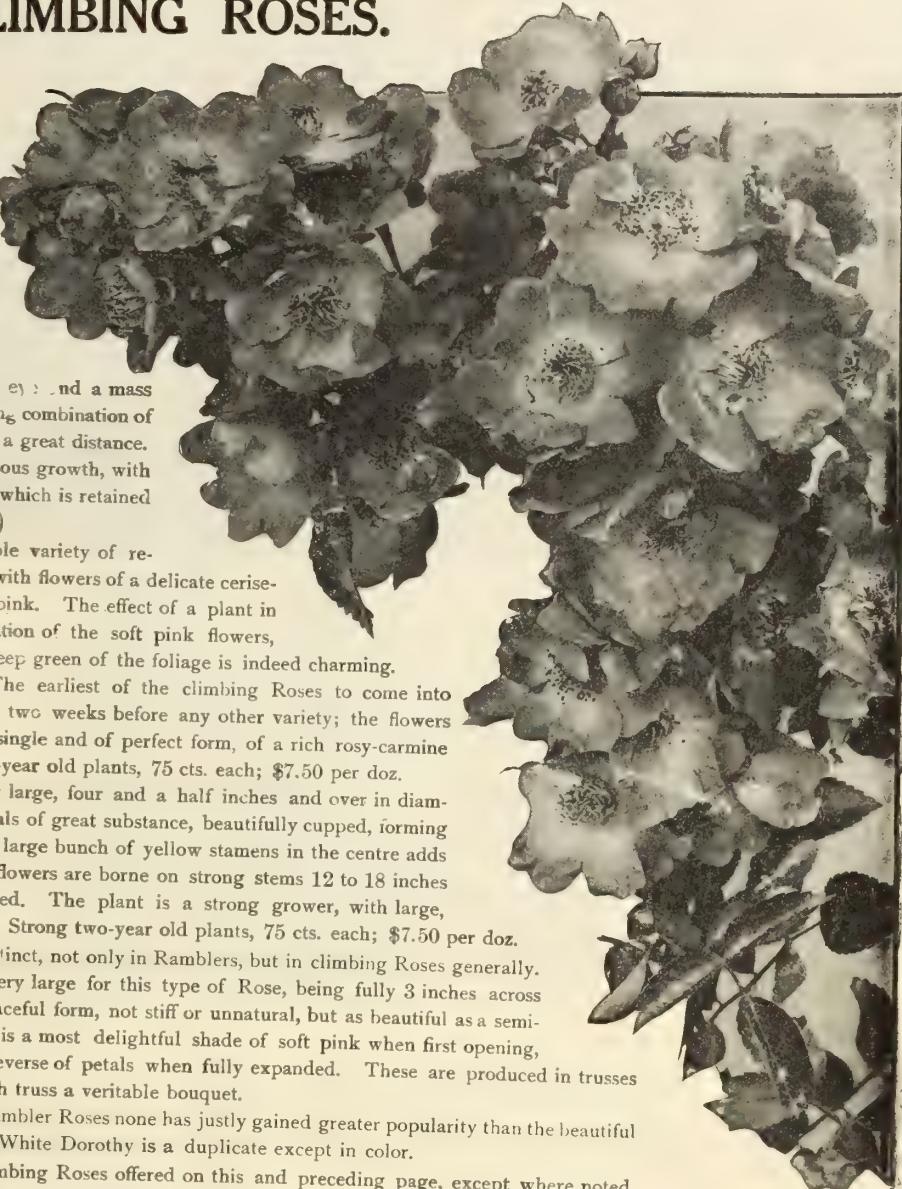
Tausendschön. Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are very large for this type of Rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet.

White Dorothy. Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color.

Price. Any of the Hardy Climbing Roses offered on this and preceding page, except where noted, in strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

One each of the 14 varieties, a fine collection, for \$6.50.

RAMBLER ROSE HIAWATHA.



TENDER CLIMBING OR PILLAR ROSES.

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses or for outdoor culture in the South.

Gloire de Dijon. An old favorite, flowers blush with salmon shadings; a fine climber for a sheltered wall.

Reine Marie Henriette. Cherry-crimson. By many this fine Rose is known as the Red Gloire de Dijon.

Strong two-year old plants, 50 cts. each; \$5.00 per doz. One each of the 6 sorts for \$2.50.

Marechal Neil. Superb; bright golden-yellow.

W. A. Richardson. A peculiar shade of orange-yellow.

White Banksia. White, small flowers; very fragrant.

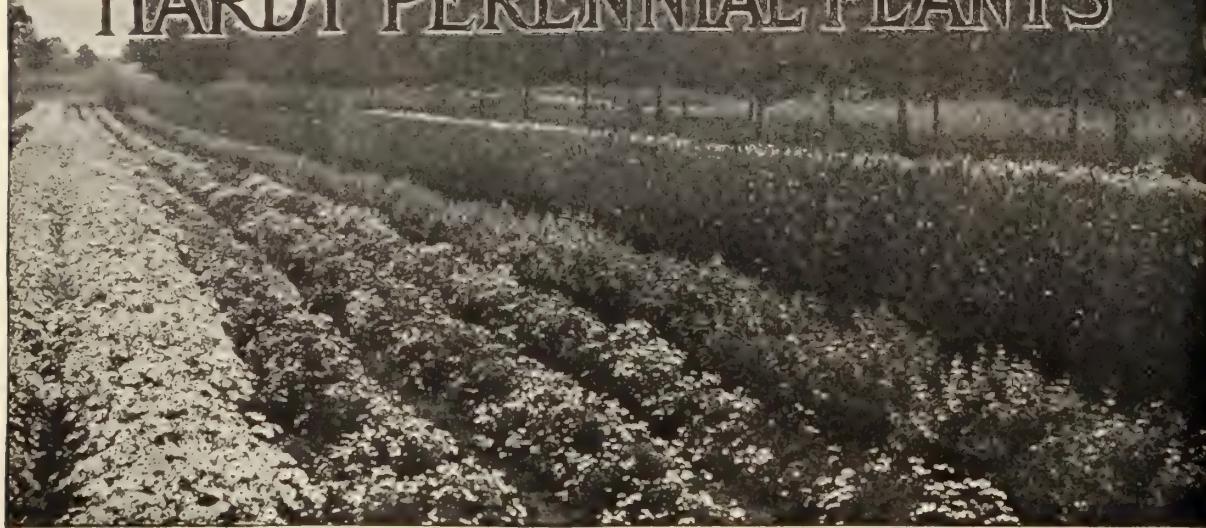
Yellow Banksia. Yellow, small flowers; very fragrant

CLIMBING HYBRID-TEA ROSES.

We offer four choice varieties of this fine free-blooming class. See page 175.

Our "Peerless" and "Dreer Dozen" Hybrid-Tea Roses are superb. See pages 176 and 177.

DREER'S SELECT HARDY PERENNIAL PLANTS



A VIEW IN OUR NURSERY, WHERE WE GROW HARDY PERENNIAL PLANTS BY THE ACRE.

Of all the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers**, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Gentians, Tritomas, etc.

THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER.

Frequent are the discussions and many are the ideas concerning their cultivation and the best method of arranging them in the garden, but no hard or fast lines can be laid down, as it largely depends on location, the ground at the disposal, and the individual taste of the cultivator. In arranging hardy flowers one should never forget the ways of Nature, choosing the flowers she uses in the positions she thinks most suitable, while endeavoring to conceal stiffness of arrangement by a careful study of her plans and the judicious use of the beautiful hardy plants at our disposal.

Situation.—There is no class of plants which lend themselves to such varied assortment of climatic or soil conditions, but the most effective position for Hardy Perennial plants in general is a good open border, backed by a hedge, a fence or trellis covered with Rambling Roses or any other hardy climbing vines; while some of the taller-growing sorts, such as Hollyhocks, Sunflowers, Rudbeckias, Boltonias, Bocconias, etc., are also very attractive when planted throughout a shrubbery border, their showy flowers forming a bright contrast with the foliage of the shrubs throughout the summer and fall when few of the latter are in bloom.

Soil and Planting.—Cultivation is of the simplest, beginning with any good garden soil as a foundation, which may be enriched with such fertilizers as well-decomposed manure, bone-meal, or sheep manure deeply dug and well-pulverized. The best time to plant hardy plants is just when they are emerging into life after their season's rest, when the weather is favorable and the soil in condition, or they may be set out in the autumn. Above all things avoid wet planting. Do not make the common mistake of overcrowding; give each plant sufficient room to allow it to develop to its full size. The nearest approach to a rule which may be followed in planting being to set out plants which grow to a height of 2 feet or less 12 inches apart, and all others space equal to one-half their height when developed. For example, Aquilegias and Gypsophila, which grow 2 feet high, may be planted 12 inches apart, while Delphinium formosum and Japanese Iris, which grow 3 feet high, should be 18 inches apart. Care should also be taken to blend the colors throughout the garden, so as to prevent too many of one shade of color

coming together, causing jarring contrasts. The season of flowering of the different types should also be taken into account, and the different plants as evenly dispersed as possible, in order to maintain an equality of flowering plants, leaving no portion of the garden bare or flowerless, nor crowding together too many that bloom at the same time.

Care in Summer.—During the growing season careful attention should be given if best results are to be obtained. There is nothing so beneficial as frequent stirring up around the plants, and raking the ground into order again; it allows the air to move more freely through the surface of the soil, thereby encouraging growth and keeping the weeds in check. During hot, dry weather, or when it is not convenient to water, a mulch of any loose, light material will be found very beneficial in retaining the moisture and in keeping the soil from baking; short grass, the raking of the lawn after cutting, is excellent material for this purpose. Early in summer many varieties will have made considerable growth, and the supporting of these should be taken up in time. It is hardly possible to stake and tie up a plant so that it will have the same graceful appearance as if grown naturally without their aid; still, supports should be inserted at all tall-growing sorts early in the season while the plants are small. In this way they will lend themselves more naturally to their support than if this work is accomplished after the plants have made considerable growth. Once the plants get broken down or allowed to get "set" it is impossible to tie them up into natural shape again. This phase of summer work in the garden is often considered a matter of small importance, yet the difference between doing same in a slipshod and a workmanlike manner is most apparent; and, while fully sympathizing with those who may not be able to spare the time or who may not have the materials at hand necessary to perform this work in the best possible manner, it cannot be too strongly emphasized that these are two of the most important factors in the successful cultivation of all out-of-door plants. The removal of old flower stems will also materially help the appearance of the plants at all times, many species responding to this treatment with an extra crop of flowers later in the season. All decayed foliage should also be removed, so as to keep the garden neat and tidy at all seasons.

The Making and Care of an Old-Fashioned Hardy Border.—Continued.

Winter Care.—About the middle of November or later, when all the soft growth has been killed by the frost and the plants are thoroughly ripened, the old hard-wooded stems should be removed and burnt up. It will then be found beneficial to cover the plants with a topdressing of loose stable litter, or, if this is not to be had, a covering of leaves—Nature's protection. This covering is best applied when the ground is in a dry condition, and should not be overdone; two or three inches spread over loosely being all that is required. A deeper covering would incite the plants into premature growth in the early spring, with a liability of damage by late frost; don't be in a hurry to cover the plants, a little frost will do them good. As the extreme cold weather begins to disappear this covering should be removed by degrees, allowing any young growths which the plants may have made to gradually harden off. This process usually occupies only a few days, after which the plants may be fully exposed to the sunshine, and the litter or covering which has protected them during the winter may be raked up and removed.

Replanting.—It is all nonsense to suppose that Hardy Perennials once planted require no attention for several years. The truth is, if we wish them to give entire satisfaction, we must each spring see that each variety is treated in the best manner to insure its fullest development during the next flowering season. Many ideas are advanced on the question of how often they ought to be divided and transplanted, but no positive rule can be applied. Some sorts will take two or three years, or even longer, to get established and develop their fullest beauty after being transplanted, and usually the longer they are allowed to go without disturbance the better results will be accomplished, while others should be transplanted or reset each season.

Most hardy plants which flower during the spring or early summer months, such as *Anthicum*, *Paeonies*, *Doronicum*, *Dielytras*, etc., produce their new growth from the crown of close, compact roots, and are

better if left undivided and undisturbed for several years, the only care necessary for these being a liberal covering with fresh soil or compost early in spring. The late summer and autumn blooming species are usually of a more vigorous growth. Such sorts as *Helianthus*, *Rudbekias*, *Asters*, *Boltonias*, *Physostegias*, etc., on which the original crowns die out each season and many new side-growths are made, are far better if replanted each season, selecting from three to five of the strongest growths, which, after the ground has been redug and enriched, may be reset in the same position or replanted to another section of the garden. Treated in this manner, they will not only produce flowers of larger size and finer colors, but will keep the stronger and more rampant growing varieties from crowding out their equally interesting but less vigorous neighbors.

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satisfactory returns the first season. This, as experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called "field clumps." The majority of the stock offered in this catalogue is pot-grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious. The following letter from the well-known and successful amateur, W. C. Egan, endorses our views on this matter.

EGANDALE, ILL.

GENTLEMEN—Your shipment of perennials arrived safely today in most excellent order. It certainly is a pleasure, as well as a profit, to receive plants from you. Your system of growing these in pots allows shipment without disturbing the roots, thus insuring uninterrupted growth and no loss in planting.

Respectfully yours,
W. C. EGAN.



AN EFFECTIVE HARDY BORDER.

Dreer's Collections of Hardy Perennial Plants.

The list of Hardy Perennial plants which we offer in our garden book is admitted to be the most complete and up-to-date collection in this country, and we are continually adding to our list all the new, rare and desirable sorts, both of home and foreign introduction.

We offer customers who are not acquainted with the different sorts the following collections, all in good, strong roots, which once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.

12 distinct species, our selection.	\$1 50	50 distinct species and varieties, our selection.	\$5 00
25 " " " "	2 75	100 " " " "	9 00

Dreer's Special Catalogue of Old-fashioned Hardy Plants.

While we are not in the landscape business and **and cannot undertake the preparation of plans for planting or laying out of grounds**, we have had prepared by a competent landscape architect a series of plans of hardy borders with list of suitable plants for positions either in sun or shade.

These are included in the above special catalogue, which also contains a complete alphabetical list of all the hardy plants we grow, together with their color, height, time of flowering, and location best suited to each. This list should make it comparatively easy for even a novice to make a selection to fill a bed or border of any size or shape without making a serious blunder.

Copies of this Special Catalogue will be sent free on application.

Hardy Perennial Plants.

All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



ACHILLEA PTARMICA "THE PEARL."

are borne on the calyx; foliage dark bronze. 25 cts. each; \$2.50 per doz.

ACANTHUS (Bear's Breech).

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide; either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian columns is said to have been suggested by the leaf of this plant. 25 cts. each; \$2.50 per doz.

ACHILLEA (Milfoil, or Yarrow).

Eupatorium (*Fern-leaved Yarrow*). Neat, finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Filipendula (*Noble Yarrow*). A vigorous, showy species, with golden-yellow flowers in dense flat corymbs in July; height, 2 feet.

Millefolium Roseum (*Rosy Milfoil*). Finely-cut, deep green foliage, flowers pink, in dense heads; 18 inches high and flowers all summer. (See cut on opposite page.)

Ptarmica Fl. Fl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. (See cut.)

— **Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; the flowers are of more perfect form with fuller centres, which make it appear purer in color.

Tomentosa (*Woolly Yarrow*). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 6 varieties for 75 cts.

ACONITUM (Monkshood, or Helmet Flower).

All the varieties offered form bushy clumps and grow about 4 feet high; invaluable for planting under trees or in shady or semi-shady positions.

Napellus. Large, dark blue flowers; August to September.

— **Bicolor.** Large blue-and-white flowers; one of the prettiest.

Fischeri. A dwarf variety, growing 18 inches high, with very large, pale blue flowers in September and October.

Lycocotonum. A free-flowering pale yellow sort, blooming in June and July.

Sparks' Variety. The darkest blue of all; flowers in June.

Wilsoni. A recent introduction from Northern China, of strong, stately habit, growing 5 to 6 feet high, with large light violet-blue flowers in September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 varieties, \$1.25.

ADENOPHORA.

Potanini. An easily-grown, useful, attractive plant, with light blue flowers, not unlike Canterbury bells; July to September; 18 inches. 25 cts. each; \$2.50 per doz.

ACÆNA.

(New Zealand Burr).

Microphylla. Pretty evergreen rock plants of cushion-like growth, cultivated for their showy, crimson spines, which are borne on the calyx; foliage dark bronze. 25 cts. each; \$2.50 per doz.



ACONITUM NAPELLUS.

If unable to find what you want, refer to the Index, pages 2 and 3.

ADONIS (Bird's Eye).

One of the choicest of early spring-flowering plants, about 12 inches high, with finely-cut, ornamental foliage; effective in rock-work or in the border. The two varieties offered are from Japan, of strong growth, and come into bloom fully two weeks earlier than any other hardy plant in our collection.

Amurensis. Large, single yellow flowers.

Amurensis Fl. Pl. Large, double yellow flowers.

50 cts. each; \$5.00 per doz.

ÆGOPODIUM (Bishop's Weed).

Podagraria Variegata. A rapid-growing plant, with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ÆTHEOPAPPUS PULCHERIMUS.

A most valuable flowering plant for garden decoration and for cutting. Its flowers, which are not unlike a Sweet Sultan, are a magnificent brilliant rose, and last a long time when cut and placed in water. It blooms in July, and the plant grows 2 to 2½ feet high, and is perfectly hardy. (See cut.) 25 cts. each; \$2.50 per doz.

ÆTHIONEMA.

Grandiflora. A rare, shrub-like perennial, growing 18 inches high, and producing numerous dense spikes of rose-colored flowers from May until August. Excellent for the border or rockery. 25 cts. each; \$2.50 per doz.

AGROSTEMMA.

(Rose Campion.)

Stout, erect-growing plants, with silvery foliage, which contrasts well with the showy flowers, which are produced during June and July.

Coronaria (*Mullein Pink*). Bright rosy-crimson; 2½ to 3 feet.

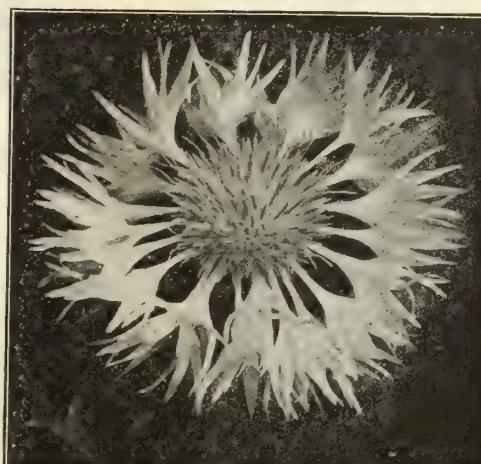
Flos Jovis (*Flower of Jove*). Deep pink flowers on 12-inch high stems. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



AGROSTEMMA CORONARIA.



ACHILLEA MILLEFOLIUM ROSEUM.
(Offered on opposite page.)



ÆTHEOPAPPUS.

AJUGA (Bugle).

Reptans rubra. A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; large spikes of purplish-blue flowers in May. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ALCHEMILLA.

(Lady's Mantle.)

Major. A good rock-plant, with pretty foliage and inconspicuous flowers, prefers a half-shady corner. 25 cts. each; \$2.50 per doz.

ALSTROMERIA (Chilian Lily).

Chilensis. A tuberous-rooted plant, 2 feet high, with spikes of showy flowers, varying from rosy-white to deep orange-red, flowering from July to September. Requires deep planting to give the roots protection. 15 cts. each; \$1.50 per doz.

ALYSSUM (Mad-wort).

Rostratum. Bright golden-yellow flowers in June and July; 1 foot. 25 cts. each; \$2.50 per doz.

Saxatile Compactum (*Basket of Gold, Gold Tuft, Rockmadwort*).

An indispensable plant for the rockery or border, growing 1 foot high and producing in May masses of broad, flat heads of bright yellow flowers. 15 cts. each; \$1.50 per doz., \$10.00 per 100.

SPECIAL CATALOGUE OF

DREER'S Old-fashioned Hardy Plants,

with plans of Hardy Borders, and much valuable information. Copies free on request.

NEW ANCHUSA ITALICAS.

(The Improved Italian Alkanet or Bugloss.)

Although introduced only a few years ago the two Anchusas offered below have already become very popular. The rich blue tones of their flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period, which covers the months of May and June. They form much-branched specimens 3 to 5 feet high, each branch terminated by a large, pyramidal, graceful spike of blue flowers, and while the habit of the plant is strong and vigorous it is not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border.

Dropmore Variety. Rich gentian blue.
Opal. A splendid lustrous light blue.

25 cts. each; \$2.50 per doz.; \$18.00 per 100.

ANCHUSA MYOSOTIDIFLORA.

A distinct new species from the Caucasian mountains, growing but 10 to 12 inches high, producing during April and May sprays of beautiful Forget-me-not-like flowers of rich blue. 50 cts. each.

VARIOUS ANEMONES.

(Windflowers.)

Pennsylvanica (*Pennsylvania Windflower*). The prettiest of our native Windflowers, growing 12 to 15 inches high and producing its large white flowers in the greatest profusion from June to August; an excellent plant either for the border or the rockery, and succeeds equally well in sun or shade.

Pulsatilla (*Pasque Flower*). Grows from 9 to 12 inches high, and produces violet or purple flowers during April or May. An interesting plant for the rockery or well-drained border.

Sylvestris (*Snowdrop Windflower*). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, handsomely cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade.

Price. Any of the above, 15 cts. each; \$1.50 per doz.



ANCHUSA ITALICA, DROPMORE VARIETY.

ANEMONE JAPONICA.

(Japanese Windflower.)

These beautiful Windflowers are one of the most important hardy plants. While they begin blooming in August, they are more especially valuable on account of their continuing in full beauty until cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.

Japonica Alba. Large, snowy-white; very chaste.

Japonica Rubra. Beautiful rosy-red; stamens bright-yellow.

Prince Henry. Large, very double, deep rich pink flowers; free-flowering.

Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

Rosea Superba. Flowers of medium size, of a delicate silvery-rose.

Whirlwind. Large, semi-double pure white flowers; very free.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 sorts for 75 cts.

NEW JAPANESE ANEMONES.

Alice. This is on the style of the variety Queen Charlotte; the flowers when first opening have the form of a Rose, as they expand the silvery-rose shell-like petals become suffused with fresh carmine.

Geante Blanche. Very large, robust pure white.

Kremhilde. Semi-double flowers, nearly four inches in diameter, composed of long, narrow, closely set petals of a lovely rose-pink color.

Loreley. A neat cup-shaped flower, semi-double, three inches in diameter, of a bright, silvery mauve pink.

Price. Any of the new varieties, 30 cts. each; \$3.00 per doz. Set of 4 sorts for \$1.00.



JAPANESE ANEMONE.



ANTHERICUM LILIASTRUM GIGANTEUM.

AQUILEGIAS, or COLUMBINES.

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Californica Hybrida. Long-spurred flowers in a variety of colorings, such as yellow, pink, flesh, red, etc.

Canadensis (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

Chrysanthia (*Golden Columbine*). Bright yellow long-spurred flowers.

Chrysanthia Alba. A long-spurred white variety.

Cœrulea (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

Flabellata nana alba. Pure white, of dwarf growth.

Truncata. Scarlet tipped yellow; very distinct.

Vulgaris (*Common European Columbine*). Violet-blue; a strong, vigorous grower.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the 8 sorts for \$1.00.

ANEMONOPSIS.

Macrophylla. A very rare Hardy Perennial from Japan, growing about 2 feet high. The general habit of the plant as well as its unopened flower buds is not unlike a miniature Japanese Anemone. The rich violet bell-shaped flowers are produced in loose racemes late in summer. Prefers a partly shaded position. 75 cts. each.

ANTHEMIS (Marguerite).

Aizoon. Small silvery foliage, of trailing habit, producing on 6 inch high stems small white daisy-like flowers. A good rock plant.

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil; of bushy habit, growing about 15 inches high, and producing its large golden-yellow, daisy-like flowers continuously during the entire summer.

— **Alba.** Creamy-white flowers with yellow centre.

— **Pallida.** Light canary yellow.

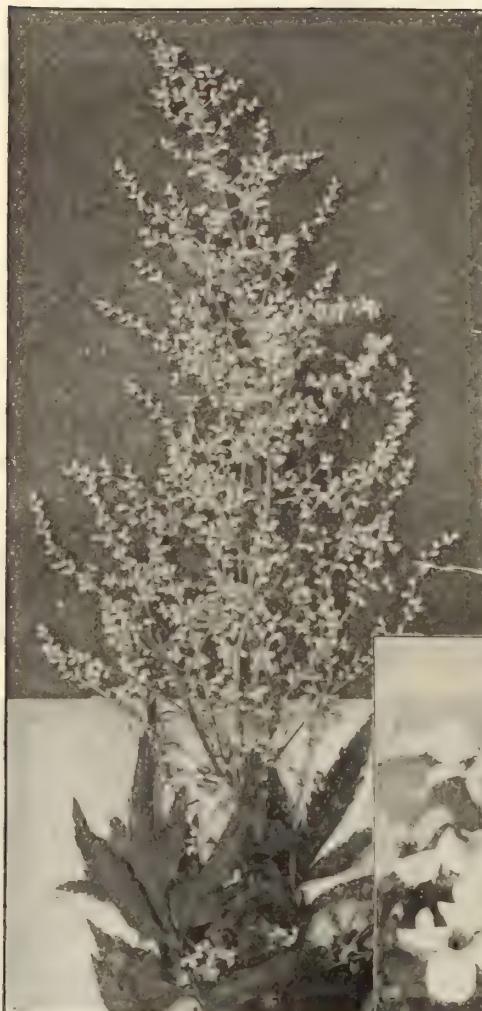
Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ANTHERICUM (St. Bruno's Lily).

Liliastrum Giganteum. A giant-flowering form of the St. Bruno's Lily, producing in May strong spikes of large white flowers, which forcibly remind one of a miniature form of the *Lilium Candidum* or Madonna Lily. A very attractive hardy plant, the culture of which is fully given in our new book "Hints on the Growing of Bulbs", a copy of which will be sent free if asked for when ordering. 25 cts. each; \$2.50 per doz.



AQUILEGIA, or COLUMBINE.



ARTEMISIA LACTIFLORA.



ARABIS ALPINA.

ARTEMISIA.

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the new variety *Lactiflora* they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All the varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

Abrotanum (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Frigida (*Colorado Mountain Fringe*). A useful rock plant with finely divided silvery foliage.

Pedemontana. A handsome variety with finely cut silvery foliage.

Stelleriana (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

A BEAUTIFUL FLOWERING ARTEMISIA.

ARTEMISIA LACTIFLORA.

Unlike the varieties offered above, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems $3\frac{1}{2}$ to $4\frac{1}{2}$ feet high, clothed with elegantly-cut dark green foliage and terminated by panicles of Hawthorn-scented, creamy-white Spiraea-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. (See cut.) 25 cts. each; \$2.50 per doz.

ARABIS (Rock Cress).

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Alpina Flore Plena. A distinct and pretty double flowering form. 25 cts. each; \$2.50 per doz.

ARALIA.

Cashmeriana. A stately ornamental plant with attractive foliage and large panicles of small white flowers in early summer; grows 5 to 8 feet high. 25 cts. each; \$2.50 per doz.

ARENARIA (Sand-wort).

Montana. A pretty creeping plant, covered with large snow-white flowers in June. A gem for overhanging rocks or in the border. (See cut on opposite page.) 25 cts. each; \$2.50 per doz.

ARMERIA (Thrift).

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems about 9 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

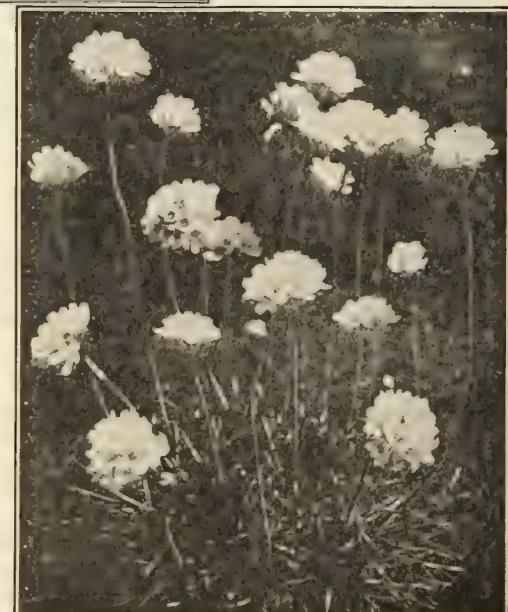
Maritima Splendens. Bright rosy-pink.

— **alba.** A pretty white. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ARMERIA PLANTAGINEA GIGANTEA.

(New Giant Thrift.)

The most effective variety yet introduced, grows fully three feet high, with rigid stems bearing large globular heads of glistening pink flowers. 50 cts. each.



ARMERIA MARITIMA.

ASCLEPIAS (Butterfly Weed).

Very showy native plants, about $2\frac{1}{2}$ feet high, producing their flowers during July and August.

Incarnata Rosea (Swamp Milkweed). A selection of our native Milkweed, having pretty rosy-flesh colored flowers.

Tuberosa. Compact umbels of brilliant orange-colored flowers.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ASPERULA (Sweet Woodruff, Waldmeister).

Odorata. An old-fashioned favorite, grown for its fragrant leaves and stems, which have an odor not unlike new-mown hay, and are used for putting among clothes, etc.; also used in Germany to flavor the "Maitrank," or May wine; best grown in semi-shaded positions; flowers white. 25 cts. each; \$2.50 per doz.

NEW ASTILBE ARENDSSI.

This new type is the result of crossing *A. Davidii* with *A. Japonica compacta*, *astilboides* and *Thunbergi*. The plants are of very vigorous growth, $2\frac{1}{2}$ to $3\frac{1}{2}$ feet high, producing many-branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. (See cut.)

Ceres. Delicate, light rose-colored flowers with peculiar silvery sheen.

Juno. Strong, upright grower; plumes of a deep violet-rose color.

Salmon Queen. Graceful panicles of a beautiful salmon-pink.

Venus. Similar to Ceres, but of bright, deep violet-rose color.

Vesta. Very graceful plumes of light lilac-rose.

White Pearl. Dense pyramidal plumes of silvery white flowers.

Price. Any of the above, 50 cts. each. One each of the 6 sorts for \$2.50.

Choice Mixed Seedlings, 30 cts. each; \$3.00 per doz.

ASTILBE.

The two varieties offered below are stately, hardy plants, and succeed best in rather heavy soil and where they will not suffer for lack of moisture.

Davidii. An important hardy plant.

Its 5 to 6 feet high stems, which rise from a tuft of pretty dark green foliage, are crowned with feathery plumes of deep rose-violet flowers during June and July. 25 cts. each; \$2.50 per doz.

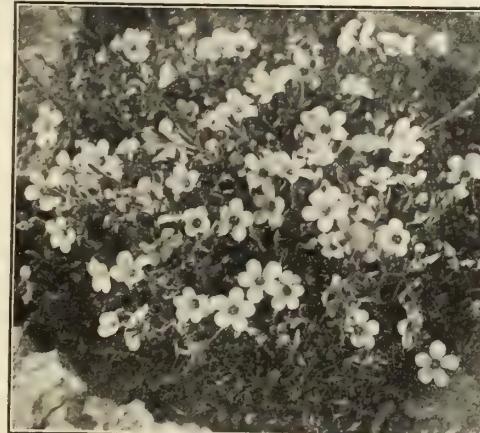
Grandis. A grand species and a fine companion to *A. Davidii*, being of similar habit of growth, the panicles of white flowers frequently 2 to $2\frac{1}{2}$ feet long; the foliage is much divided and attractive. 25 cts. each; \$2.50 per doz.



ASTER ALPINUS.



ASTILBE ARENDSSI.



ARENARIA MONTANA.
(Offered on opposite page.)

ASPHODELUS.

(Asphodel.)

Luteus. An effective plant for the border, with sword-like foliage and 3 feet high spikes of fragrant yellow lily like flowers in July. 25 cts. each; \$2.50 per doz.

ASTRANTIA.

(Master-wort.)

Major. Grows about a foot high and bears during June and July peculiarly interesting blush flowers an inch across. A most interesting flower for a moist position. 25 cts. each; \$2.50 per doz.

DWARF ALPINE ASTERS.

Alpinus. Indispensable for the rockery or edge of hardy border; grows 6 to 10 inches high and bears large, showy bluish-purple flowers in May and June.

— **Albus**. Identical to the above, but with pure white flowers.

— **Nixe**. A new variety with very large violet-blue flowers of exceptionally graceful form. 30 cts. each.

Sub Coeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price, except where noted, 20 cts. each; \$2.00 per doz. Set of 4 sorts, 75 cts.

Summer and Fall Flowering Hardy Asters are offered on page 194.

NEW HARDY ASTERS.

Beauty of Colwall. This is unquestionably one of the finest of the Michaelmas Daisies, of upright, free-branching habit, 3 to 4 feet high, and literally covered during September with large semi-double flowers of ageratum-blue, a pleasing shade.

Feltham Blue. One of the most decorative free-flowering blue varieties, a pretty shade of aniline-blue, produced on freely branched plants during August and September; 2½ feet high.

Grandiflorus. Not a new sort, but one of the finest of all, and distinct in character and flower from all others. The flowers, of a lovely dark bluish-violet, frequently measure 2 inches in diameter. It is the latest to flower—October and November—and by lifting the plants can be flowered in connection with Chrysanthemums, where its effect is very beautiful. 2 to 2½ feet high. 35 cts. each; \$3.50 per doz.

Novi-Belgii Climax. In this splendid new variety we have the most important addition to Michaelmas Daisies yet made, and we believe the forerunner of a distinct type. The plant is of strong, vigorous habit, over 5 feet high, fully one-half of which consists of much-branched pyramidal shaped flower stems filled with light lavender-blue flowers, each 1½ inches or more in diameter. It blooms from the latter part of August until the middle of October. 50 cts. each; \$5.00 per doz.

Novi-Belgii St. Egwin. A bright pink on strong bushes, 2½ to 3 feet high during September and October.

Thompsoni. One of the most beautiful large-flowered sorts yet introduced. The flowers are of graceful, stellate form and a pleasing Venetian-blue color; grows 15 to 18 inches high, and blooms in July and August.

Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 6 sorts for \$1.50.



NEW ASTER NOVI-BELGII CLIMAX.

FALL-FLOWERING HARDY ASTERS. (Michaelmas Daisies, or Starworts.)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only.

Boule de Neige. Very free; pure white; 2½ feet.

Curtisii. Pale heliotrope; August and September; 3 feet.

Dornröschen. Pure mauve, with light halo; very free; 2 feet.



HARDY ASTERS, OR MICHAELMAS DAISIES.

Formosissima. Bright violet; 3 feet.

Herbststife. Light lavender-blue; 3 feet.

Lævis Baldur. Large, light parma-violet; 2 feet.

— **floribunda.** Light heliotrope; 4 feet.

Novæ angliæ. Bright violet-purple; 4 feet.

— **Lil Fardell.** Bright mauve; 4 feet.

— **Mrs. F. W. Raynor.** Large, rich crimson-purple; 4 feet.

— **Rosea.** Bright purplish-mauve; 4 feet.

Novi-Belgii Heiderose. Delicate soft rose; 3 feet.

— **Perry's Pink.** Glistening reddish pink; 3 feet.

— **Saphir.** Soft sky-blue; 3 feet.

Puniceus Pulcherrimus. Bluish-white with yellow centre, in-curved petals; 5 feet.

Snowflake. Very free, pure white; 18 inches.

Tartaricus. Distinct large bluish-violet; very late; 6 feet.

Top Sawyer. Clear parma-violet color; 4 feet.

White Queen. Fine pure white; 4 feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 19 varieties for \$2.00.

Summer-flowering Hardy Asters.

The following grow from 12 to 15 inches high, and produce their showy flowers during July and August. Their free-flowering habit and compact growth makes them most desirable subjects for the front of the mixed border.

Acris. A neat variety, completely covered with violet-blue flowers.

Amellus Beauty of Ronsdorf. Of a tender lilac-rose, perfect in form and entirely distinct.

— **Perry's Favorite.** A most distinct, bright, clear rose.

— **Preciosa.** A fine deep violet-blue.

Ptarmicoides. White flowers, not large, but produced in great masses; fine for cutting.

25 cts. each; \$2.50 per doz. Set of 5 sorts for \$1.00.



BOLTONIA

AUBRETTIA (False Wall Cress).

Pretty, dwarf-growing rock plants, forming broad masses of silvery-green foliage and sheets of flowers in spring and early summer.

Bougainvillei. Showy purple flowers.

Leichtlini. Bright reddish crimson.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

BAPTISIA (False Indigo).

Australis. A strong-growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June.

Tinctoria. Spikes of bright yellow flowers in June; 2 to 2½ feet.

15 cts. each; \$1.50 per doz.

BELLIS PERENNIS (English Daisy).

Improved double-flowering, white and pink. 75 cts. per doz.; \$5.00 per 100.

BLETIA.

Hyacinthina. A terrestrial Orchid from China, with grass-like foliage and terminal racemes of showy rosy-pink flowers; grows about a foot high and succeeds best in a damp shady position; requires the protection of a cold frame in winter. 30 cts. each; \$3.00 per doz.

BOCCONIA (Plume Poppy, or Tree Celandine).

Cordata. A noble hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds, and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color, during July and August. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

BOLTONIA (False Chamomile).

Among the showiest of our native hardy perennials, with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect. (See cut.)

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet.

— **Nana.** Similar to the type, but growing only 2 feet high.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

CALIMERIS (Star Wort).

Incisa. An attractive plant for the border; grows 12 to 18 inches high, producing from July to September daisy-like, pale, lavender flowers, with yellow centre. 25 cts. each; \$2.50 per doz.

CALLIRHOE (Poppy Mallow).

Involucrata. An elegant trailing plant, with finely-divided foliage and large, saucer-shaped flowers of bright rosy-crimson, with white centres, which are produced all summer and fall. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

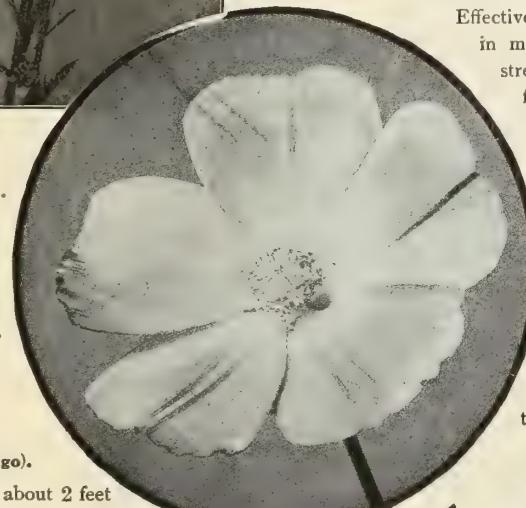
CALTHA (Marsh Marigold).

Effective hardy perennials, of much value in marshy places and by the sides of streams and ponds; grow about a foot high and bloom in early spring.

Palustris. Single bright yellow flowers. 15 cts. each; \$1.50 per doz.

Palustris Fl. Pl. Double-flowering. 25 cts. each; \$2.50 per doz.

Palustris Semi-plena. A new semi-double form and an improvement on both the single and double flowered varieties. 50 cts. each; \$5.00 per doz.



CALLIRHOE INVOLUCRATA.



BOCCONIA CORDATA.



CAMPANULA MEDIUM (Canterbury Bells).



CARYOPTERIS MASTACANTHUS.

CAMPANULAS, or BELLFLOWERS.

Indispensable hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants, suitable for edging, rockwork, etc. They like a good rich soil, and last much longer in bloom if planted in a half-shady place. All of the taller-growing kinds should be staked to prevent injury from high winds.

Mrs. Ely, the author of "A Woman's Hardy Garden," says:

"The most satisfactory of the Campanula family is the single biennial variety known as *Campanula Medium*, or Canterbury Bells. In the spring a little fine manure and some bone meal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks." The Canterbury Bells are most effective when planted along the borders in front of early varieties of Phlox which blossom at the same time. The best perennial varieties of Campanula are *C. Carpatica*, *C. Persicifolia* and *C. Pyramidalis*.

Campanula Pyramidalis will send up stalks to bloom by the middle of August from four to six feet in height, and continue to bloom for six weeks. Being a strong grower, this plant requires rich soil, and if liquid manure be applied around the roots from the time the buds begin to form, the number and size of the flowers will be greatly increased. A few of these plants grown in large pots make a beautiful decoration for terrace or piazza, well rewarding the time and trouble in raising them."

Carpatica (*Carpathian Hare-Bell*). A pretty species, growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

— **alba**. The white-flowered form of the preceding.

Glomerata (*Clustered Bellflower*). Grows 18 inches high, and produces from June to August dense clusters of funnel-shaped violet-blue flowers.

Grosseki. Produces its dark-blue flowers all summer; 2 feet.

Lactiflora Cœrulea. Pale blue flowers during July and August; 2½ ft. 25 cts. each.

Latifolia Macrantha. Large purplish-blue flowers; May and June; 3 feet.

Medium (*Canterbury Bells*). We can supply in blue, rose, white or in choice mixed colors; 3 feet.

Persicifolia (*Peach Bells*). Blue flowers during June and July; 2 feet.

— **alba**. A pure white form of the above.

— **Gigantea Moerheimi**. A grand sort with spikes of double pure white camellia-like flowers, 2 to 2½ inches in diameter; in bloom from the middle of May till late in July. 35 cts. each; \$3.50 per doz.

Punctata. Large nodding bell-shaped flowers, white spotted, purplish-rose; May and June; 1 foot.

Pyramidalis (*Chimney Bell-flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like blue flowers in August. 25 cts. each; \$2.50 per doz.

Rotundifolia (*Blue Bells of Scotland*). This is the true Hare-bell, with beautiful clear blue flowers from June till August; 1 foot.

Trachelium (*Coventry Bells*). Purple flowers; June and July; 3 feet.

Price, any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 14 varieties, \$2.50.

HARDY BORDER CARNATIONS.

While these are not so large and showy as the Carnations which are grown under glass they are welcome in all hardy borders on account of their hardiness, fragrance, wide range of color, and profusion of bloom during their principal flowering season through the month of June. The strain from which these plants were produced is the choicest known to us, and while a large portion of them will produce double flowers the balance are equally beautiful in their semi-double or single simplicity.

Mixed colors only 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

CARYOPTERIS.

Mastacanthus (*Blue Spiraea*). A handsome hardy perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of its branches. A valuable plant either for bedding or pot culture; blooming continuously from early in September until cut by frost. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

CASSIA (American Senna).

Mariandica. A plant growing from three to four feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. A very desirable plant. 15 cts. each.; \$1.50 per doz.; \$10.00 per 100.



CENTAUREA MONTANA.

CENTAUREA.

(Hardheads, or Knapweed.)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

Hirta nigra variegata (Variegated Button Weed). Variegated green and gold foliage, and during July and August purple flowers; 2 feet.

Dealbata. Distinct bright rose-colored flowers; July to September; 18 inches.

Macrocephala. Very large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 3½ feet.

Montana (Perennial Corn Flower.) Grows 2 feet high, bearing large violet-blue flowers from July to September.

— **alba.** Large white variety of the above. 15 cts. each; \$1.50 per doz.

Set of 5 sorts, 65 cts.

CEPHALARIA (Roundheads).

Alpina. A rare tall-growing plant, which, when fully established, attains a height of 6 feet, bearing in June and July delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa.

25 cts. each; \$2.50 per doz.

CERASTIUM (Snow in Summer).

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves; can also be used with good effect in carpet bedding. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

CHAMÆLIRIUM.

Luteum. A useful plant for moist, shady positions, producing in June dense, cylindrical heads of small creamy-yellow blossoms. 25 cts. each; \$2.50 per doz.

CHELONE (Shell Flower).

Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower-heads during the summer and fall.

Glabra Alba. Terminal spikes of creamy-white flowers.

Lyonii. Heads of showy deep red flowers. (See cut.)

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CIMICIFUGA (Snake Root).

Simplex. Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October, a time when flowers are scarce. Its flowering stems are from 2½ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time. (See cut.) 50 cts. each; \$5.00 per doz.

Acerinum, or Japonicum. A pretty Japanese variety, with white flowers; August and September; excellent for cutting; 2½ feet.

Dahurica. Large cylindrical spikes of creamy-white flowers in September; 3½ feet.

Racemosa. A handsome native species, bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border or for naturalizing at the edge of the woods; 4 to 6 feet.

Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 4 sorts for \$1.00.



CIMICIFUGA SIMPLEX.



CHELONE LYONII.



CHRYSANthemum ARCTICUM.

Hardy Chrysanthemums.

(Shasta Daisy, Etc.).

Arcticum (*The Arctic Daisy*).

Among fall-flowering perennials this is a perfect gem, and although introduced from Arctic Alaska many years ago, has until recently been lost sight of. It forms an attractive rosette-like clump of pretty dark green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to $2\frac{1}{2}$ inches in diameter.

These begin to develop during the last week in September and continue in good condition throughout October and frequently into November; 15 inches. 25 cts. each; \$2.50 per doz.

Shasta Daisy "Alaska." A decided improvement on the original; very free-flowering, with blooms $4\frac{1}{2}$ to 5 inches across, of pure glistening white. 25 cts. each; \$2.50 per doz.

Mixed Shasta Daisies. Seedlings, all having large snowy-white flowers, in bloom continuously throughout the entire summer and fall. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Nipponicum. A Japanese species, grows 2 feet high with thick foliage, large pure white flowers in September and October. 15 cts. each; \$1.50 per doz.

OLD-FASHIONED LARGE-FLOWERING HARDY CHRYSANTHEMUMS.

We offer below 5 fine large-flowering varieties, which have proved absolutely hardy in this latitude, having withstood the severe winter of 1911 without injury, and which will be found useful for garden decoration.

Autumn Glow. Rose-crimson.

Indian. Indian-red.

Golden Queen. Yellow.

Old Homestead. Pink.

Victory. White.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. The set of 5 for 65 cts.

Hardy Pompon Chrysanthemums.

These are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it will frequently happen that an armful of flowers can be cut late in November. They are quite hardy if planted in a well-drained position, and, with a slight covering of leaves or litter during the winter, will take care of themselves after once planted.

Baby. A miniature lemon-yellow.

Boston. Golden-bronze.

Cerise Queen. Cerise pink.

Fairy Queen. Bright pink.

Globe d'Or. Clear lemon-yellow, shaded darker.

Golden Pheasant. Rich golden-yellow.

Gold Nugget. Golden-yellow, inner petals tinged red.

Julia Lagravere. Garnet.

King Henry. Straw-white.

Model of Perfection. Beautiful white.

Mrs. Porter. Bright bronze.

Overbrook. Chrome-yellow.

Pettulant. Soft creamy sulphur.

President. Purplish-crimson.

Rhoda. Apple-blossom pink.

Rosinante. Blush rose.

Rufus. Crimson maroon.

Sir Michael. Lemon.

Soeur Melanie. White.

St. Illoria. Silver-rose.

Strathmeath. Rosy-pink.

Sunshine. Golden-yellow.

The Hub. Fine white.

Trojan. Maroon, with yellow centre.

Victor. Rosy-crimson.

Price, 10 cts. each; \$1.00 per doz.; \$6.00 per 100. Set of 25 varieties for \$2.00.



SHASTA DAISY ALASKA.



POMPON CHRYSANTHEMUMS.

CLAYTONIA (Spring Beauty).

Virginica. A low-growing, early spring flowering native plant, producing clusters of light pink flowers. Succeeds best in a half-shady spot on the rockery. 15 cts. each; \$1.50 per doz.

SHRUBBY CLEMATIS.

This type of Clematis is deserving of the greatest popularity. They form erect bushes 2 to 3 feet high; during their long period of bloom they are very attractive.

Davidiana. A most desirable variety, with fresh, bright green foliage and tubular bell-shaped flowers of deep lavender blue during August and September; deliciously fragrant. 15 cts. each; \$1.50 per doz.

Heracleæfolia. Of the same general habit as above, but with lighter colored flowers. 25 cts. each; \$2.50 per doz.

Recta. One of the best hardy perennials, with handsome pure white flowers in very large, showy clusters during June and July; very effective. 25 cts. each; \$2.50 per doz.

Recta Flore Pleno. Identical to the beautiful single-flowering type, except that the flowers are double and larger. We consider this one of the most desirable perennials in our collection, and although introduced more than ten years ago, this plant is seldom offered for sale, owing to its being difficult to propagate. We offer strong plants at 50 cts. each.



CLEMATIS DAVIDIANA.

CONVALLARIA

(Lily of the Valley.)

Majalis. This is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated; and if the bed is given a liberal top-dressing of well-decayed manure, in early spring, it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.



COREOPSIS LANCEOLATA GRANDIFLORA.



CONVALLARIA (Lily of the Valley).

COREOPSIS.

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn. It succeeds everywhere; 2 to 3 feet.

Rosea. Finely-divided, dark green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot.

Verticillata. Masses of small golden-yellow flowers in July and August, on neat plants with finely divided foliage; 2 feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

CORONILLA (Crown Vetch).

Varia. A rampant creeper, with handsome globular heads of showy bright, pink and white Sweet Pea-shaped flowers; a useful plant for covering rough banks or for the rockery. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Choice Hybrids and Standard Varieties of DELPHINIUMS or HARDY LARKSPURS.

The list below includes, in addition to the well-known and popular standard sorts, some of the finest hybrids yet introduced, many of them new and rare varieties selected from the collections of eminent English and Continental specialists.

The hardy Larkspurs are deservedly one of the most popular subjects in the perennial border, bold, attractive, and highly possessing plants of easiest culture; perfectly hardy. They will establish themselves in almost any garden soil, but respond quickly to liberal treatment.

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the spring has opened.

"The ground should be well-drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late autumn coal-ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy.

"Larkspurs have been so developed that there are now many shades of blue in both tall and low-growing varieties.

"The stalks being very tender the plants should be staked when they are about three feet high, to protect them from heavy wind, which otherwise would be likely to quite destroy them.

"Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed.

"Each time the plants are cut a little bone meal should be dug about them."

Atropurpureum. A new variety which excels all others for earliness and freedom of flowering, being the first to come into bloom and continuing to produce its large, rich violet-purple flowers with black bee-like centres throughout the summer and fall months. The plant grows about 3 feet high, and is the most vigorous growing Delphinium known to us. 35 cts. each; \$3.50 per doz.

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Carmen. Semi-double flowers of a deep gentian-blue, the smaller petals in the centre rosy-plum with a deep brown eye. Individual flowers two inches across. 40 cts. each; \$4.00 per doz.

Chinense. A very pretty dwarf variety, with fine feathery foliage and intense gentian-blue flowers in open panicles. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Album. A pure white form of the above. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Duke of Connaught. Rich Oxford-blue with bold white eye, fine large flowers. 35 cts. each; \$3.50 per doz.

Formosum. The old favorite dark blue with white centre; 3 to 4 feet high. Very vigorous, free-flowering, and one of the best. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Geneva. Large flowers of a pleasing light blue shade and a pure white eye. One of the finest light blue varieties. 30 cts. each; \$3.00 per doz.

Julia. Gigantic flowers of a pretty cornflower-blue, beautifully veined with rose, large pure white eye, arranged on a most symmetrical spike. 35 cts. each; \$3.50 per doz.

K. Th. Caron. Bright gentian-blue with very effective pure white eye. 35 cts. each; \$3.50 per doz.

One each of the above 20 varieties. A splendid collection for \$6.50, or Three of each for \$18.00.

DREER'S SELECT GOLD MEDAL HYBRID DELPHINIUMS.

We show on the colored plate opposite three typical spikes of this fine strain, which is unquestionably the finest strain of mixed hybrids offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only. **Price**, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



DREER'S
Gold Medal Hybrid
DELPHINIUMS
(Hardy Larkspurs)

DREER'S
Single-Flowering
Pyrethrum
Hybridum



DREER'S SINGLE-FLOWERING Pyrethrum Hybridum.

Too much cannot be said in favor of this grand old-fashioned Hardy Perennial, which is nicely shown on the plate opposite. They are easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years, and if given an annual topdressing of well rotted manure flower generously. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished they will give a fair sprinkling of flowers during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times.

The plants which we offer have been grown from a selected strain of seed, and embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in strong flowering plants in mixed colors only.

Price, 20 cents each; \$2.00 per doz.; \$15.00 per 100.

For double-flowering sorts and other varieties see page 224.

DIANTHUS (Pinks).

Deltoides (*Maiden Pink*). A charming creeping variety, with medium-sized pink flowers in June and July; especially suited for the rock garden.

— **Alba**. A pretty white-flowered form.

Latifolius atrocoeruleus Fl. Pl. A beautiful summer bedding variety, producing masses of brilliant fiery crimson-double flowers throughout the entire season.

Neglectus (*Glacier Pink*). Masses of pink flowers in May and June; 9 inches.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

See also *Hardy Garden Pinks*, page 222.

DIELYTRA SPECTABILIS (Bleeding Heart).

DICTAMNUS (Gas Plant).

A very showy border perennial, forming a bush about $2\frac{1}{2}$ feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when a match is applied to the stem directly under the head of flowers. They require a heavy, strong soil and an open, sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border. Instances are known where this plant has outlived father, son and grandson in the same spot. (See cut.)

Fraxinella. Showy rosy-pink flowers, with deeper veins. 15 cts. each; \$1.50 per doz.

— **Alba**. Pure white. 15 cts. each; \$1.50 per doz.

— **Caucasicus**. A gigantic form, with flowers double the size of the type. 25 cts. each; \$2.50 per doz.

DIELYTRA, OR DICENTRA.

Spectabilis (*Bleeding Heart, or Seal Flower*). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. May; 2 feet. (See cut.)

Formosa (*Plumy Bleeding Heart*). A dwarfer-growing species, with finely-cut ornamental foliage, growing about 15 inches high, and producing its showy pink flowers from April to August.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

DRABA (Whitlow Grass).

Androsacea. A pretty dwarf-growing rock-plant, producing white flowers early in spring. 25 cts. each; \$2.50 per doz..



DICTAMNUS.





DIGITALIS (FOXGLOVE).

DIGITALIS (Foxglove).

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flowerstalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

Gloxiinaeflora (*Gloxinia-flowered*). A beautiful strain of finely-spotted varieties. We offer them in *White*, *Purple*, *Lilac*, *Rose* or *Mixed*.

Ambigua, or Grandiflora. Showy flowers of pale yellow, veined brown; 2 to 3 feet.

Lanata. A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy-white. 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 6 colors, 75 cts.

DORONICUM (Leopard's Bane).

One of the most effective very early spring-flowering perennials. If placed in pots in the fall, they can readily be forced into flower during the winter months in the conservatory or window garden. There are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning, to the surprise and delight of the possessor. They succeed everywhere, and should have a place in every garden.

Caucasicum. Very free-flowering, bright yellow; 12 inches.

Clusii. Rich yellow; 2½ to 3 inches across; 18 to 24 inches.

Excelsum. Large orange yellow; 3½ inches across; 24 to 36 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 3 varieties for 65 cts.

ECHINOPS (Globe Thistle).

Ritro. Interesting and showy thistle-like plants with globular heads of deep metallic blue flowers, which can be dried and remain attractive for a long time; 2 to 3 feet. 25 cts. each; \$2.50 per doz.

EOMECON (Eastern Poppy).

Chionantha. An interesting plant, growing about 2 feet high, with pure white poppy-like flowers, 2 inches across, flowering in spring. 25 cts. each.

EPIMEDIUM (Barren-wort, Bishop's Hat).

Dwarf-growing plants, 8 to 10 inches high, with leathery foliage and panicles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

Alpinum. Crimson and yellow.

Muschianum. Rosy red.

Niveum. Dwarf, early, pure white.

Sulphureum. Fine yellow.

Violacea. Rich violet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 5 sorts for \$1.00.

ERIGERON (Flea Bane).

Grandiflorus Elatior. Large, solitary bluish lilac flowers with bright yellow disc; June and July; 18 inches. 15 cts. each; \$1.50 per doz.

Intermedium (*Giant-flowered Flea-bane*). A large-flowered variety, growing 2 feet high, producing showy, Daisy-like flowers about 2 inches in diameter, of delicate rose-tinted white color, flowering continuously during the summer months. 25 cts. each; \$2.50 per doz.

ERYNGIUM (Sea Holly).

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. (See cut on opposite page.)

Maritimum. Deeply cut pale-blue foliage and flowers.

25 cts. each; \$2.50 per doz.



DORONICUM.

LASTREA
CHRYSOLOBA.ASPLENIUM
FILIX-FEMINA MULTIFIDA.SCOLOPENDRIUM
UNDULATUM.

POLYSTICHUM.

ASPLENIUM
FILIX-FEMINA VICTORIAE.

ADIANTUM PEDATUM.

EUPATORIUM.

Ageratoides (*Thorough-wort*). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting; August and September.

Cœlestinum. A pretty, hardy plant, with light blue flowers similar to the *Ageratum*; in flower from August until frost; 18 to 24 inches.

Maculatum. A useful plant, with pretty mottled foliage and dense heads of reddish-purple flowers; 2½ feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

EUPHORBIA (*Milk Wort*).

Corollata (*Flowering Spurge*). A most showy and useful native plant, growing about 18 inches high, and bearing from June to August umbels of pure white flowers, with a small green eye; desirable for cutting. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Cyparissias. Grows from 10 to 12 inches high, and forms neat clumps with Cypress-like foliage, and during the month of May showy trusses of bright yellow flower-like bracts; very effective even when out of bloom. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Polychroma. Very beautiful and effective in spring, when it bears masses of chrome-yellowflower-like bracts; 2 feet. 25 cts. each; \$2.50 per doz.

Feverfew.
(*Matricaria*.)

Little Gem. A most useful summer cut flower, with large double-white flowers; June until October; 18 to 24 inches high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ERYNGIUM AMETHYSTINUM.
(Offered on opposite page.)**CHOICE HARDY FERNS.**

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich but well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make friable.

*Varieties marked * require a shady position. Those marked † succeed in the sun or half shade. We give after each variety the average height of growth in inches.*

- * **Adiantum Pedatum** (*Hardy Maidenhair*). 8 to 12.
- * **Aspidium Acrostichoides** (*Wood Fern*). 12.
- * — **Marginalis** (*Evergreen Wood Fern*). 12 to 24.
- * — **Goldieanum** (*Shield Fern*). 24 to 36.
- * **Asplenium Filix-femina**. 10 to 12.
- * — — **Victoriae** (*Queen of Lady Ferns*). 12 to 15.
- † — — **Multifidum**. 12 to 15.
- * — — **Pulcherimum**. 12 to 15.
- † — — **Setigerum**. 15 to 18.
- * — — **Congestum Cristatum**. 15.
- * — — **Cragii Laciniatum**. 15 to 18.
- * — — **Goringianum Pictum**. 10 to 15.
- * — — **Thelypteris**. 15 to 18.
- + **Dicksonia Punctilobula** (*Gossamer Fern*). 24 to 36.
- * **Lastrea Chrysoloaba**. 12.
- † — — **Pseudo-mas Pinderi**. 18 to 24.
- † — — **Filix-mas** (*Male Fern*). 18 to 24.
- † — — **Dilitata**. 18 to 24.
- * — — **Propingua**. 15 to 18.
- + **Nephrodium Hertipes**. 18 to 24.
- † **Onoclea Struthiopteris** (*Ostrich Fern*). 24 to 36.
- † — — **Sensibilis** (*Sensitive Fern*). 12 to 24.
- † — — **Osmunda Claytonia** (*Flowering Fern*). 24 to 36.
- † — — **Cinnamomea** (*Cinnamon Fern*). 24 to 36.
- † — — **Palustris Undulata**. 18. 50 cts. each.
- † — — **Regalis** (*Royal Fern*). 24 to 36.
- + **Polystichum Angulare Divisilobium**. 15 to 18. 75 cts. each.
- † — — — **Stipulatum**. 15 to 18. 75 cts. each.
- † — — — **Frondosa**. 15. 75 cts. each.
- † — — **Braunii**. 12 to 15.
- † — — **Setosum**. 12.
- * **Scolopendrium Officinarum** (*Hart's Tongue*). 12. 25 cts. each.
- * — — **Marginatum**. 12. 50 cts. each.
- * — — **Undulatum**. 12. 50 cts. each.

Price, except where noted, 20 cts. each; \$2.00 per doz.; \$15.00 per 100. Set of 34 sorts, \$7.50.



FUNKIA (Plantain Lily).

The Plantain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

Cœrulea. Blue, broad green leaves; June; 4 ft.

Fortunei Gigantea. A new variety, a cross between Sieboldiana and Fortunei, combining the very large, attractive foliage of the former with the rich glaucous coloring of the latter. A strong, vigorous grower, with large lilac-colored flowers. A fine ornamental border plant; July; 2½ ft. 50 cts. each; \$5.00 per doz.

Minor Alba. A pretty miniature-growing variety, with rather large white flowers; July; 12 to 15 inches. 25 cts. each.

Lanceolata. Valuable by reason of its late-flowering, lilac flowers in September, 2 ft.

Robusta elegans variegata. The most robust of all the variegated-leaved varieties; foliage large, green, with pretty, white variegations; July; 2½ ft. 25 cts. each.

Sieboldiana. Large glaucous foliage; flowers white tinged with lilac; July; 2½ ft.

Subcordata grandiflora. Very large and showy; pure white, lily-shaped, fragrant flowers in August and September; 2½ to 3 ft.

Undulata media picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 ft.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 8 varieties for \$1.50.

GAILLARDIA (Blanket Flower).

Grandiflora. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark red brown, while the petals are marked with rings of brilliant crimson, orange and vermillion, and often a combination of all in one flower; excellent for cutting. (See cut.) 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



GAILLARDIA GRANDIFLORA.



FUNKIA SUBCORDATA GRANDIFLORA.

GENTIANA.

Andrewsii (*Blue Gentian*). A pretty native species, growing about 2 feet high; flowers fine blue; in August. 25 cts. each; \$2.50 per doz.

Scabra. A Japanese species, which comes into flower in October and continues well into November, a season when there are few outdoor flowers. 75 cts. each.

GERANIUM (Crane's Bill).

Fremonti. Large, attractive foliage and rosy-purple flowers; 2 ft.

Grandiflorum. Pale lilac-blue flowers; 1 foot.

Platypetalum. Large rosy-purple flowers in June; 1½ feet.

Sanguineum. A desirable plant, with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

— **Album.** Pure white variety of above.

15 cts. each; \$1.50 per doz. Set of 5 sorts, 65 cts.

GEUM (Avens).

Pretty border plants, growing about 15 inches high, and producing showy, bright-colored flowers from May to July.

Coccineum. Brilliant scarlet flowers. 15 cts. each; \$1.50 per doz.

Mrs. Bradshaw. A new brilliant large double scarlet variety, fully double the size of the type, in bloom during the greater part of the summer and fall. 25 cts. each; \$2.50 per doz.

GILLENA (Bowman's Root).

Trifoliata. A strong-growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; \$2.50 per doz.

GLECHOMA, OR NEPETA.

Variegata (*Variegated Groundsel, or Ground Ivy*). A most useful variegated creeper for growing over banks and stones in the rockery. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

GUNNERA (Chilian Rhubarb).

Scabra. Probably the noblest of all hardy perennial decorative foliage plants, a well-grown plant attaining a height of 5 feet by 15 to 20 feet in diameter; but to produce a satisfactory growth it must receive liberal treatment. Very rich, deep, mellow soil is indispensable. Full exposure to the sun is advisable, but they should be sheltered from severe winds, and must never suffer for the want of water. Ample winter protection should be provided. 50 cts. each.



GYPSOPHILA PANICULATA FL. PL.

GYPSOPHILA (*Baby's Breath*).

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.

Cerastioides. A fine variety for the rockery, growing but 3 inches high, and producing from June to August small white flowers marked with pink.

Paniculata. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during August and September it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers.

Paniculata Flore Plena (*Double-flowering Baby's Breath*). This valuable recent introduction is already a firm favorite with many of the leading professional floral decorators, who quickly recognized its value for use with other cut flowers. The pretty little double rosette-like flowers are produced through the summer in large branching panicles 2 to 3 feet high, and are not only valuable for cutting for immediate use, but can be cut and dried, retaining their beauty for months, and in addition to its great value for cutting it is a most desirable plant in any hardy border. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August.

Price. Any of the above, except where noted, 15 cts. each; \$1.50 per doz.

HARDY BAMBOOS (*Bambusa*).

Mr. George W. Oliver, of Washington, the well-known expert, has written the following for this book:

"All the Hardy Bamboos grow best where the soil is rich, moist and well drained. They do not thrive in stiff, hard clay.

"During the summer months it is advisable to mulch small or newly planted specimens until well established with a mixture of leaves, moss and manure. The mulch should not be removed, but rather added on the advent of cold weather, and with species which have been untried in any locality they should get protection over the crowns in winter, because, while well-established plants might prove perfectly hardy, those which are in the process of becoming established are more likely to succumb to freezing weather. During the growing period the plants should receive an abundance of water.

"Bamboos require a sheltered position—that is, a place in which the soft, tender shoots will not be whipped about by the wind.

"They stand out most strikingly with a background of almost any of our native trees, with the possible exception of the willow, the leaves of which are too similar in outline to give a striking contrast. Nothing is more effective than a clump of Bamboos on the borders of ponds, lakes, or on the banks of streams, especially where there is rising land beyond."

Aurea. A distinct and beautiful species; grows 15 to 20 feet high, with straight yellowish stems and light green foliage. (See cut.) \$1.00 each.

Auricoma. A dwarf golden variegated variety, which is very ornamental; grows about 3 feet high. \$1.00 each.

Fortunei Variegata. A handsome dwarf evergreen variety, with green and white variegated foliage; grows about 18 inches high, and makes an elegant subject for the rockery. 50 cts. each.

Henonis. A graceful species, with shiny green foliage, of dense growth and much branched yellowish-green stems; 10 to 15 feet. \$1.00 each.

Metake. A handsome evergreen species; 6 to 10 feet high; large, deep green foliage. \$1.00 each.

Simoni. Height, 15 to 20 feet; leaves 8 to 12 inches long; erect, slender growth, branches in dense clusters. 75 cts. each.

Viminalis. A dwarf sort, 1½ to 2 feet high, stems zigzag, dark green, sheaths purple, leaves 2 to 3 inches long, about an inch wide, ovate in outline. 75 cts. each.

One plant each of the 7 Bamboos, an interesting collection, for \$5.00.



BAMBUSA AUREA.



EULALIA JAPONICA ZEBRINA.

Hardy Ornamental Grasses

Mr. George W. Oliver, the well-known writer on horticultural subjects and one of the experts of the U. S. Department of Agriculture, has written the following cultural notes on Grasses especially for this book:

"The ornamental grasses, exclusive of the Bamboos, can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental Grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfer flowering plants near the margin. The tallest of the Grasses is the Giant Reed (*Arundo Donax*). A small plant will soon establish itself and grow from 12 to 20 feet in height. In large, round beds this is the best of all the species for the central position. A less hardy form has variegated leaves growing 8 to 10 feet in height. It keeps its color well throughout the summer months. The Hardy Pampas (*Erianthus Ravennæ*) comes next in height to the green-leaved Arundo. It is not far behind the gorgeous Pampas (*Gynerium*) when in bloom. It attains a height of 10 to 12 feet under ordinary conditions. All of the Grasses, but especially the Arundo and Erianthus, do best when given a heavy soil, enriched with manure and an abundant supply of water. *Eulalia Japonica Variegata* and *Zebrina* are probably the handsomest of the variegated Grasses, growing 6 feet high, and as much in diameter; the variety *E. Gracillima Univittata* is a narrow-leaved species, with a light band down the centre of each leaf. Among the small-growing kinds, for a dwarf tufted border, *Festuca Glauca* has no equal."

Arrhenatherum bulbosum folia variegata. A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25 cts. each; \$2.50 per doz.

Arundo Donax (Great Reed). A magnificent variety, growing to a height of 20 feet. 25 cts. each; \$2.50 per doz.

— **Variegata.** A beautiful variegated form. Foliage white and green; 8 to 10 feet. 25 cts. each; \$2.50 per doz.

Elymus Glaucus (Blue Lyme Grass). A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 ft. 25 cts. each; \$2.50 per doz.

Erianthus Ravennæ (Plume Grass, or Hardy Pampas). Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas Grass. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Gracillima Univittata (Japan Rush). Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Variegata. A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow. Flower stalks from 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Zebrina (Zebra Grass). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Zebrina Stricta. A more erect-growing form of the Zebra Grass, with the transverse variegation of green and yellow appearing more pronounced; a desirable addition; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Festuca Glauca (Blue Fescue). A pretty dwarf tufted Grass, with glaucous foliage; 8 to 10 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Gynerium Argenteum (Pampas Grass). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground if protected. 50 cts. each. (Specimen plants, \$1.00 each.)

Molina Cœrulea. A elegant Grass for edging, not exceeding 6 inches in height, with pretty green and white variegated foliage. 15 cts. each; \$1.50 per doz.

Pennisetum Japonicum (Hardy Fountain Grass). This new variety grows about 4 feet high; foliage narrow, of a bright green, while the cylindrical flower heads, carried well above the foliage, are tinged with bronzy-purple, the whole plant having a light, airy appearance, and is one of the most valuable hardy grasses either for use in beds, mixed borders or as specimens. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Phalaris Arundinacea Variegata (Variegated Ribbon Grass, or Gardener's Garters). Large variegated foliage; an excellent grass for bordering large beds; 12 to 15 inches. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Uniola Latifolia (Spike Grass). One of the finest of our native Grasses, 3 to 4 feet high, with very ornamental flat heads in graceful drooping panicles. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



PENNISETUM JAPONICUM (Hardy Fountain Grass).

HELENIUM (Sneeze Wort).

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long blooming season.

Autumnale Superbum. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

— **Rubrum.** New bright terra-cotta red variety; Aug. and Sept.; 4 feet. 25 cts. each.

Hoopesi. Pure orange-yellow flowers, $2\frac{1}{2}$ inches across, and the earliest to flower, coming in early in June and continuing throughout July; 2 feet.

Pumilum Magnificum. A most useful perennial, about 18 inches high, and smothered with its golden yellow blossoms all summer.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; Aug. and Sept.; 4 feet. 25 cts. each.

Riverton Gem. Old-gold changing to Wallflower-red. 25 cts. each.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 6 sorts, \$1.00.

HELIANTHEMUM.

(Rock, or Sun Rose.)

Exceedingly pretty, low-growing evergreen plants, forming broad clumps, and which during their flowering season, July to Sept., are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties, 25 cts. each; \$2.50 per doz.

HELLEBORUS (Christmas Rose).

Most valuable hardy plants on account of yielding with utmost freedom in very early spring, a season when flowers are scarce, their beautiful, large—two or three inches across—blossoms. They succeed in any ordinary garden soil in a sheltered semi-shady situation; 12 to 15 inches. 35 cts. each; \$3.50 per doz.



HELIANTHUS
MULTIFLORUS FL. PL.



HELENIUM RIVERTON BEAUTY.

HELIANTHUS (Hardy Sunflowers).

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

Daniel Deward. The earliest to flower, bearing large, single yellow flowers from early July till late August; 6 feet.

Giganteus. A native variety with medium-sized bright canary-yellow flowers in September and October; 6 feet.

Maximiliana. The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

Mollis. Large, single lemon-yellow flowers, with downy white foliage; blooms in August and September; 4 feet.

Multiflorus Fl. Pl. (Double Hardy Sunflower). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

Multiflorus Maximus. A gigantic single variety, growing from 5 to 6 feet high, producing immense single golden-yellow flowers from 6 to 8 inches across from July to August; one of the finest.

Orgyalis. A tall variety, 6 feet high, with medium-sized single golden-yellow flowers during September.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Wolley Dod. The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 9 sorts for \$1.00.



HELIOPSIS SCABRA ZINNIAFLORA.

HELIOPSIS (Orange Sunflower).

Similar in general habit to *Helianthus*, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcheriana. A desirable variety, beginning to flower early in the season and continuing the entire summer. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Pitcheriana Semi-plena. A semi-double form of the above. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Scabra Zinniaflora. A new double-flowering form of the Orange Sunflower, growing about 24 inches high, and producing golden-yellow flowers closely resembling a *Zinnia* in form; flowers during July and August; desirable for cutting. (See cut.) 25 cts. each; \$2.50 per doz.

HEPATICA (Liver Leaf).

Triloba. A pretty native spring-flowering plant, with pretty blue flowers. 15 cts. each; \$1.50 per doz.

HEUCHERA (Alum Root, or Coral Bells).

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

Fantasie. Greenish-yellow with bronze tips.

Pluie de Feu. Bright raspberry red; very free.

Rosea. Rose-colored.

Sanguinea. Bright coral-red.

— Alba. Creamy-white.

Virginal. Creamy-white.

Price: 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 sorts for \$1.25.

HEMEROCALLIS (Yellow Day Lily).

Popular hardy plants, belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

Aurantiaca. Large, trumpet-shaped, pleasing neutral orange color, tube, stamens and reverse of petals bright Indian yellow, sweet scented, 3 to 4 feet high; June and July. 25 cts. each; \$2.50 per doz.

Aurantica Major. One of the finest flowers, color throughout a rich Indian yellow; 2 to 3 feet; June and July. Requires protection in winter. 25 cts. each; \$2.50 per doz.

Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium yellow; buds and reverse of petals bronze yellow.

Flava (Yellow Day Lily). The best known variety; very fragrant, deep lemon-yellow flowers in June and July; height, 2½ to 3 feet.

Florham. A strong grower, 3 to 3½ feet high, large trumpet-shaped flowers; rich golden-yellow, with Indian-yellow markings; June and July. 25 cts. each; \$2.50 per doz.

Fulva (Tawny Day Lily). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a neutral orange color with darker shadings; June and July.

Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzy gold; 2½ feet high; May and June.

Kwanso Fl. Pl. Large double orange flowers, with darker shadings; July and August; 4 to 5 feet.

Queen of May. A splendid new hybrid variety, producing flower stems from 3 to 5 feet high, which are terminated with from 12 to 18 flowers of largest size of a rich Indian-yellow color. The flowers begin to develop in May, and continue for nearly two months; perfectly hardy. 35 cts. each; \$3.50 per doz.

Thunbergii. The latest to flower; rich buttercup-yellow, funnel-shaped flowers throughout July; 4 feet.

Price: Any of the above (except where noted), 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 10 varieties, \$1.75.

HERNIARIA (Turk's Herb).

Glabra. A closely-tufted moss-like plant, well adapted for the rockery or for carpet bedding, succeeding in the poorest soil. Small greenish flowers; the dark green foliage turns to a deep red in winter. 25 cts. each; \$2.50 per doz.



HEMEROCALLIS (Day Lily).

HIBISCUS (Mallow).

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 3 to 5 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Moscheutos (*Swamp Rose Mallow*). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.

— **"Crimson Eye."** Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

New Giant-flowering Marshmallows (*Hibiscus*).

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. These plants can be highly recommended for all kinds of plantings. They appear to be equally at home in all positions, having the same vigor in dry and wet ground and are perfectly hardy. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in Autumn. We offer three distinct colors—Red, Pink and White—in strong two-year-old roots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the 3 colors for \$1.00.



NEW GIANT-FLOWERING MARSHMALLOW.



DOUBLE HOLLYHOCKS.

DREER'S SUPERB HOLLYHOCKS.

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts as under:

Double White. **Double Yellow.** **Double Maroon.**
Double Rose. **Double Red.** **Double Mixed.**

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Newport Pink. A charming variety, which originated in one of the famous gardens at Newport, R. I., and for which we were awarded a certificate of merit by the Royal Horticultural Society of London in 1912. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants. 25 cts. each; \$2.50 per doz.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high; mixed colors. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. Choicest mixed varieties in all colors. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.



HYPERICUM MOSERIANUM.

HESPERIS (Rocket).

Matronalis. A strong-growing perennial, forming stout, bushy plants 3 to 4 feet high, with showy terminal spikes of pink flowers during June and July. 15 cts. each; \$1.50 per doz.

HIERACIUM (Hawk-weed).

Aurantiacum. A low-growing, rapid-spreading plant, adapted for dry, sandy spots, or for covering steep slopes. The bright, orange-red flowers are borne in flat heads.

— **Rubrum.** A bright colored form of the above.
15 cts. each; \$1.50 per doz.

HOUSTONIA (Bluets, Quaker Lady or Innocence).

Serpulifolia. A low creeper, best adapted to grow on a rockery in moist situation, where it forms broad carpets of foliage, which in very early spring is hidden beneath a cloud of small but showy light-blue flowers. One of the earliest spring flowers. 15 cts. each; \$1.50 per doz.

HYPERICUM (St. John's-wort).

Adpressum. A native variety, growing in dense masses, which makes it useful as a ground cover, particularly in damp places; 6 to 8 inches. 15 cts. each; \$1.50 per doz.; \$8.00 per 100.

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so that none of their beauty is lost. It is marvellously free-flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden-yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season; 2 feet. (See illustration.) Strong plants, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

IBERIS (Hardy Candytuft).

Most desirable dwarf plants (8 to 10 inches) with evergreen foliage, which is completely hidden with dense heads of flowers early in the spring.

Sempervirens. Innumerable flat heads of pure white flowers.

Snowflake. A grand variety, having exceptionally large and pure white flowers, and borne in great masses during May and June.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

INCARVILLEA (Hardy Gloxinia).

Delavayi. One of the choicest perennial plants introduced in recent years. It produces large gloxinia-like rose-colored flowers during May, which last in perfection a long time; these are produced in clusters on stems 18 inches high; succeeds in sun or shade, but should be protected with a covering of leaves during the winter. 15 cts. each; \$1.50 per doz.

INULA (Flea Bane).

Effective free-flowering plants for the hardy border, blooming from June to August.

Ensifolia. Very free-flowering, yellow; 18 inches.

Glandulosa Grandiflora. Very large orange-yellow flowers; 2½ feet.

Montana. Very free-flowering; yellow flowers; 1½ feet.

Oculus-Christi. Large golden flowers, with dark centres; 2 feet.

Royleana. Large golden-yellow flowers; 1½ to 2 feet.

25 cts. each; \$2.50 per doz. Set of 5 varieties, \$1.00.

VARIOUS IRIS.

We offer below some of the very finest species and varieties.

Cristata. A dainty native species 3 inches high, rich amethyst-blue; May. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Cuprea or Fulva. A distinct, almost evergreen species, about 2 feet high, with rich coppery-orange colored flowers late in June. 25 cts. each; \$2.50 per doz.

Ochroleuca Gigantea. A noble species, growing 4 feet high, with large, pale yellow flowers. 35 cts. each; \$8.50 per doz.

— **Aurea.** Golden-yellow. 35 cts. each; \$3.50 per doz.

Pallida Folia Variegata. Conspicuous on account of its beautifully variegated foliage, which is of a glaucous green, with broad bands of creamy-yellow, every leaf being well marked. It is of free growth, and when well established attains a height of 2 feet, and is very attractive. Flowers of a soft, pale lavender. 50 cts. each; \$5.00 per doz.

Pseudacorus. The common yellow Water Flag, suitable for marshes and water courses; May and June; 4 feet. 15 cts. each; \$1.50 per doz.

Sibirica. Purplish-blue flowers, 3 feet high; useful for cutting. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Alba.** White veined pale lilac. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Orientalis.** Rich violet-blue; very free and one of the best; June; 3½ feet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Snow Queen.** This new variety possesses all the merits of the type, differing only in color, which is an ivory-white. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

Spuria Mrs. A. W. Tait (*Longipetala Superba*). A distinct and handsome species. Flowers soft porcelain-blue, with very long pale blue falls, illuminated with a golden-yellow blotch at the base; June; 4 feet. 50 cts. each; \$5.00 per doz.



IRIS PALLIDA FOLIA VARIEGATA.

NEW GERMAN IRIS.

A splendid collection of the latest introductions, embracing not only new colors but improved forms.

King of Iris. A striking novelty, with flowers of perfect form, the standards clear lemon-color, falls deep satiny-brown, with a broad border of golden-yellow.

Lohengrin. Foliage and flowers of gigantic size, the flowers nearly 5 inches deep, with petals 2 inches wide, are of a deep violet-mauve.

Loreley. Perfect shaped flowers, falls of a deep ultramarine blue, more or less veined with creamy-white and bordered sulphur-yellow; the standards are a pale sulphur-yellow, making a beautiful contrast.

Mithras. Flowers of good size, standards pale yellow, falls violet, shaded with claret and yellow border.

Princess Victoria

Louise. Standards pure sulphur-yellow; falls rich plum color, with cream-colored edges. A new and distinct combination of colors.

Rhein Nixe. Standards pure white, falls deep violet-blue, with white margin; will attain a height of 3 feet, with many-branched stems.

Price, 50 cts. each. Set of 6 sorts for \$2.50.



TYPE OF
NEW GERMAN IRIS.

GENERAL COLLECTION OF

DREER'S RAINBOW GERMAN IRIS.

(*Iris Germanica*.)

The German Iris are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Blue Boy. Standards and falls a beautiful lavender-blue.

Cherion. Standards lilac-mauve; falls violet-mauve.

Florentina Alba. Very free-flowering white.

Gazelle. White frilled rich mauve.

Honorabilis. Standards golden-yellow; falls rich mahogany-brown.

Johan de Witt. Standards bluish-violet; falls deep violet-purple; veined with white.

La Tendresse. Ageratum-blue throughout.

Lord Salisbury. Standards amber-white; falls dark violet-purple.

Maori King. Standards golden-yellow; lower petals chocolate veined white and edged yellow. 25 cts. each; \$2.50 per doz.

Mme. Chereau. Standards and falls pure white; daintily edged with light blue.

Mrs. H. Darwin. Standards white, falls reticulated violet.

Pallida Dalmatica. One of the finest of the Germanica type, of strong, vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers; standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing. 25 cts. each; \$2.50 per doz.; \$20.00 per 100.

Pallida Speciosa. Standards dark lavender, falls light purple; very free-flowering. 25 cts. each; \$2.50 per doz.

Plicata. Standards and falls bright violet-purple.

Plumeri. Standards rose-mauve, with metallic sheen; falls vinous-mauve.

Shakespeare. Standards straw-yellow, veined with burnt umber; falls deep carmine-violet.

Spectabilis. Light and deep violet-purple.

Tinnæ. Deep ageratum-blue.

Price. Any of the above, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the 18 varieties for \$2.50.

Mixed German Iris. All colors. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

IRIS INTERREGNA.

(Introductions of Goos & Koenemann.)

An interesting new type, the result of crossing *I. germanica* with *I. pumila hybrida*, and for which there promises to be a great future. They bloom earlier than the German Iris, and the flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf and maintains its freshness throughout the season. The flower stems are about 18 inches high, holding the flowers well above the foliage.

Fritjof. Standards light lavender-blue, falls satiny violet-blue.

Helge. Light citron with pearl-colored centre. A beautiful soft shade.

Ingeborg. Pure white, flowers 5 feet deep, with petals 2 inches wide. A grand flower.

30 cts. each; \$3.00 per doz. Set of 3 varieties for 75 cts.

IRIS PUMILA HYBRIDA.

A cross between *I. pumila* and *I. Germanica*. Very showy. Early flowering. 10 to 12 inches high.

Cyanea. Rich royal purple with blackish shadings.

Excelsa. A splendid pale lemon-yellow.

Schneekuppe. A large, showy, pure white.

20 cts. each; \$2.00 per doz. One of each for 50 cts.

DREER'S Special Catalogue of Old-fashioned Hardy Plants

Gives complete alphabetical list of all the Hardy Plants we grow, with color, height, time of flowering, and whether suited for sun or shade. Also shows plans of Hardy Borders, prepared by a competent Landscape Architect.

DREER'S JAPANESE IRIS.

(*Iris Kämpferi.*)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Paeonies. Coming into flower about the middle of June and continuing for five or six weeks, they fill in a period when flowers of this attractive type are particularly welcome.

They succeed in almost any soil and position, but respond quickly to liberal treatment. They like rich soil and plenty of water when they are forming their buds and developing their flowers.

We offer one of the choicest collections, each one distinct and desirable. Valuable as cut flowers, for which purpose they should be cut in the bud state, permitting the blooms to expand after being placed in water.

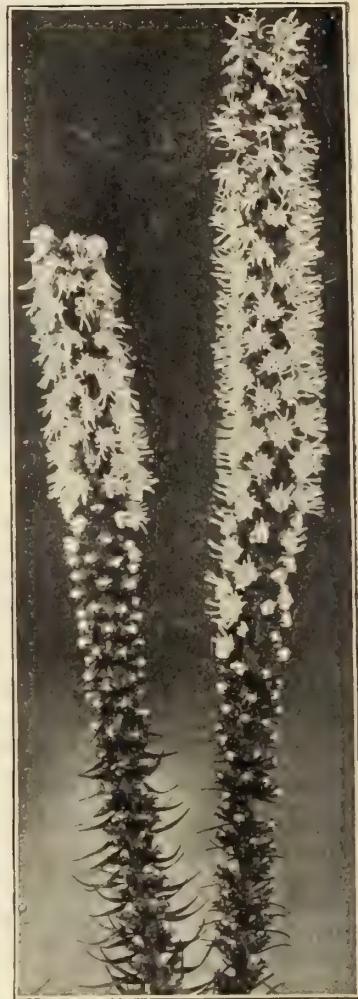
Order by name or number.

No.

- 2 **Tora-odori.** White, faintly traced with violet.
- 3 **Kosui-no-iro.** Violet blue, veined with white, 6 petals.
- 4 **Yomo-no-umi.** A fine, free-flowering early creamy white, 6 petals.
- 5 **Koki-no-iro.** Light violet-purple with white veins, 6 petals.
- 9 **Oniga shima.** Bright violet-purple with lighter markings, 6 petals.
- 11 **Hano-no-nishiki.** Bright violet, white veining.
- 12 **Shippo.** Light lilac, densely veined with purple.
- 22 **Sano-watashi.** White with canary-yellow centre, late, 6 petals.
- 24 **Gosetsu-mai.** White, veined and traced analine blue, 6 petals.
- 40 **Kanarinishiki.** Greyish white, marbled violet, 6 petals.
- 43 **Shi-un-ryo.** Greyish white, deeply and densely veined and suffused with violet.
- 44 **Yoshimo.** Creamy white, delicately veined with violet, 6 petals.
- 55 **Shuchiukwa.** Crimson-purple with large white veins and centre.
- 62 **Misutmoshito.** Violet-purple, marbled with white.
- 72 **Kimi-no-megumi.** White, densely veined with purple.
- 77 **Yayaura.** White, marbled with light violet.
- 79 **Kokirin.** Rose, tinted white, veined violet-purple.
- 82 **Ari-ake.** Violet-purple, marbled white.
- 83 **Washi-no-wo.** Mottled violet-purple, shading to bright violet.
- 96 **Tebotan.** White ground with violet-blue veining.
- 100 **Yomo-zakuru.** Light ground color, densely veined and suffused reddish-purple.
- 107 **Tokyo.** The finest pure white, 6 petals.
- 108 **Shimosa.** White ground, minutely and densely spotted throughout with bright violet-purple, 6 petals.
- 110 **Nitari.** White, overlaid with rosy-purple.
- 111 **Kuro-kuma.** Bright purple with crimson sheen.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Sets of 25 sorts for \$5.00.

Extra Fine Mixed Sorts, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



LIATRIS.

LAVANDULA (Lavender).

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

LIATRIS (Blazing Star, or Gay Feather).

Showy and attractive native plants, succeeding anywhere, producing large spikes of flowers in July and August.

Pycnostachya. Spikes of light, rosy-purple flowers; 5 feet.

Scariosa. Deep purple flowers in spikes 3 to 4 feet high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

LINARIA (Toad-flax).

Hepaticæfolia Alba. A very pretty floriferous perennial of creeping habit, forming a dense carpet of marbled foliage and small white flowers in early summer; useful on the rockery. 25 cts. each; \$2.50 per doz.

LINDELOFIA.

Longifolia. Grows about 2 feet high, and produces blue Forget-Me-Not-like flowers during May. 25 cts. each; \$2.50 per doz.

LINUM (Flax).

Narbonnense. A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer.

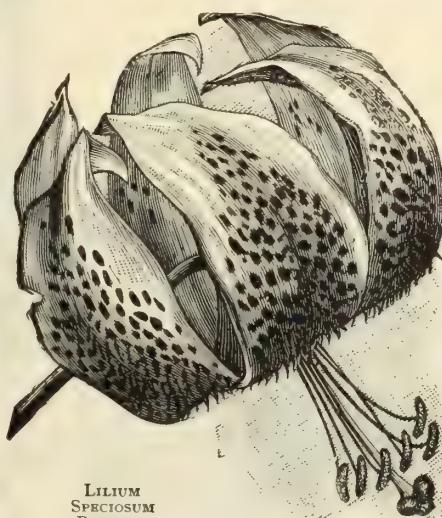


SIX-PETALLED JAPANESE IRIS.

Perenne Alba. Similar in habit to the preceding, but with white flowers. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



LOBELIA CARDINALIS.



LILUM
SPECIOSUM
RUBRUM.

LOBELIAS.

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

Cardinalis (*Cardinal Flower*). Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Syphilitica hybrida (*Great Lobelia*). A choice selection of our native Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

LUPINUS POLYPHYLLUS (Lupine).

Effective plants, producing large spikes of flowers. Mrs. Ely says of them: "May be planted either in the autumn or early spring. These plants bloom from about the 20th of May for three weeks, and grow about 3 feet high. Being perfectly hardy and free from attacks of insects, they are especially valuable. They require only well-prepared garden soil and to be kept watered in dry weather, which should always be done, if possible, late in the afternoon."

Polyphyllus. Clear blue. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Albus.** A white variety of above. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Moerheimi.** A comparatively new variety and a plant that, on account of its clean bold growth, always attracts attention. The spikes of flowers are frequently over a foot long, in color superb, being a combination of light and dark shades of pink without a trace of magenta. 35 cts. each; \$3.50 per doz.



LUPINUS POLYPHYLLUS.

LILUM (Lily).

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalogue.

Auratum (*Gold-banded Lily*). Large, graceful flowers, composed of six petals of a delicate ivory-white, thickly studded with chocolate-crimson spots and striped through the centre a golden-yellow. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the centre of each petal. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Speciosum Rubrum, or Roseum. White, heavily spotted with rich, rosy-crimson spots. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Speciosum Magnificum. Rich, deep red. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Tigrinum Splendens (*Tiger Lily*). Very large flowers; orange, spotted black. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

LITHOSPERMUM (Gromwell).

Prostratum. An elegant creeping plant for the rockery, bearing lovely small blue flowers from April to September. 25 cts. each; \$2.50 per doz.

— **Heavenly Blue.** A new and beautiful turquoise-blue variety. 50 cts. each.

LYCHNIS (Campion).

All of the *Lychnis* are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants. Perhaps no class of plants has more common or popular names, of which the following is but a partial list: *Campion*, *Jerusalem Cross*, *Lamp Flower*, *Maltese Cross*, *Ragged Robin*, etc.

Chalcedonica. A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. (See cut.)

Chalcedonica Alba. Creamy-white flowers.

Chalcedonica Fl. Pl. A double-flowering form, producing immense heads of vermillion-scarlet flowers, far exceeding in brilliancy the brightest *Geraniums*; 2 to 3 feet high, flowering in June and July. A gem for cutting, and one of the showiest border plants. 25 cts. each; \$2.50 per doz.

Haageana. Brilliant orange-scarlet flowers in May and June; 12 inches.

Vespertina, Double White. Large, double-white flowers, produced in the greatest profusion the entire summer; 18 inches high. 25 cts. each; \$2.50 per doz.

Viscaria, Double Red. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

Price, except where noted, 15 cts. each; \$1.50 per doz. Set of 6 varieties for \$1.00.

LYSIMACHIA.

Ciliata (*Fringed Loose Strife*). Grows 2 feet high; yellow flowers in July.

Clethroides (*Loose-strife*). A fine hardy variety about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September. (See cut.)

Fortunei. A neat variety, growing about 18 inches high, with dense, upright spikes of white flowers in August.

Nummularia (*Creeping Jenny*, or *Moneywort*).

Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

Punctata. Plants 2 to 3 feet high, with yellow flowers during July and August.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



LYSIMACHIA CLETHROIDES.



MONARDA DIDYMA.



LYCHNIS CHALCEDONICA.

LYTHRUM.

Atatum. An uncommon species, grows about 2 feet high, with crimson-purple flowers from June to September. 25 cts. each; \$2.50 per doz.

Roseum Superbum (*Rose Loose-strife*).

A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Roseum, Perry's Variety. A splendid improvement, with much larger flowers, and longer spikes than the type, and of a glistening cherry-red color. 35 cts. each; \$3.50 per doz.

Virgatum. Soft rosy-purple flowers. 25 cts. each; \$2.50 per doz.

MARSHALLIA.

Trinervis. A useful plant for a shady, damp spot, of neat habit, about 15 inches high, bearing freely from June to August heads of white flowers, tinted flesh. 25 cts. each; \$2.50 per doz.

MERTENSIA (Blue Bells).

Virginica. An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 15 cts. each; \$1.50 per doz.

MONARDA (Bergamot).

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma Cambridge Scarlet (*Oswego Tea*). Brilliant crimson-scarlet.

— **Rosea** (*Bee Balm*). A pretty rose-colored form.

— **Salmonaea.** Salmon-rose color, very distinct.

— **Violacea.** Bright amaranth-red.

Fistulosa Alba (*Wild Bergamot*). A showy white-flowered variety.

15 cts. each; \$1.50 per doz.; \$8.00 per 100. The set of 5 varieties, 65 cts.



MONTBRETTIA.

MONTBRETTIAS.

The Montbretias are one of the brightest of our summer-flowering bulbs, and deserve to be planted extensively. The bulbs should be set out during April or May, 3 to 6 inches apart in clumps of a dozen or more. They should be protected during the winter with a heavy covering of leaves or litter.

Aurantiaca. A fine deep orange.

Crocosmiæflora. Deep golden-orange; fine.

Etoile de Feu (Star of Fire).

Bright vermillion; yellow centre.

Germania. Rich, glowing orange-scarlet, with blood-red throat.

Rayon d'Or. Yellow and brown.

Speciosa. A splendid golden yellow.

30 cts. per doz.; \$2.25 per 100. Six each of the 6 varieties for 75 cts.

MYOSOTIS (Forget-Me-Not).

Palustris Semperflorens. A variety that is hardly ever out of flower; useful in a shady spot in the border and for forcing for cut flowers in the winter.

Alpestris robusta grandiflora. The large spring-flowering Forget-Me-Not, with intense sky-blue flowers, bright and attractive,

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

NIEREMBERGIA (Cup Flower).

Rivularis. A charming dwarf creeping Alpine plant, bearing large creamy-white, cup-shaped flowers from June till October; most desirable plants for the rockery, and succeed equally well in the border. 15 cts. each; \$1.50 per doz.

OROBUS (Bitter Vetch).

Lathyroides. Little known spring-flowering plant, well worthy of extended cultivation and succeeding in any soil or position. Excellent for the border or rockery, forming erect, shapely plants a foot high, covered during May and June with spikes of bright blue pea-shaped flowers. 25 cts. each; \$2.50 per doz.

Vernus. Flowers purple, veined with red. 25 cts. each; \$2.50 per doz.

CENOTHERA (Evening Primrose).

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the entire summer.

Cæspitosa. Large, pure white, changing to rose; 1 foot.

Eldorado. Golden yellow; free-flowering and attractive; 18 inches.

Fraseri. Beautiful rich yellow; 1½ feet.

Fruticosa Pallida. A new variety which originated with us, with flowers of a clear creamy white; 18 inches.

Missouriensis. Large golden yellow; 1 foot.

Pilgrimi. Large clusters of bright yellow flowers.

Speciosa. A rare, pure white variety, with flowers 3 inches across; 18 inches.

— **Rosea.** Similar to above, but with showy rose-colored flowers.

Youngi. Bright yellow; 1½ feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100. Set of 9 varieties for \$1.00.

PACHYSANDRA.

Terminalis. A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

PARDANTHUS (Blackberry Lily).

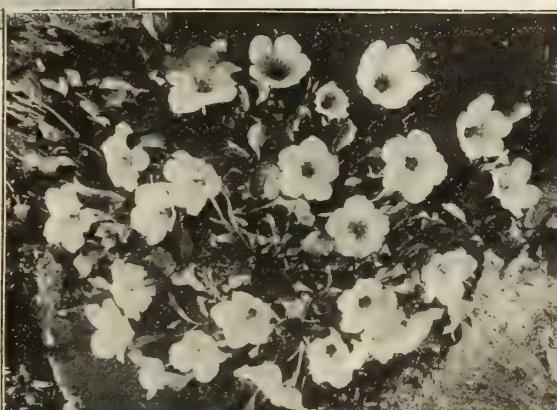
Sinensis. Lily-like flowers of bright orange during July and August on 2½ feet high stems, followed in September with seeds which resemble blackberries; will grow and do well in any soil in a sunny location. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

PÆONIES.

We offer a splendid collection. See pages 216 and 217.

PHLOXES.

One of our leading specialties. See pages 218 to 221.



NIEREMBERGIA RIVULARIS.



CENOTHERA SPECIOSA.



DREER'S FRAGRANT PÆONIES.



DOUBLE HERBACEOUS PÆONY.

Felix Crousse. Large, ball-shaped bloom; very brilliant-red; one of the finest self-colored varieties.

Festiva Maxima. This truly superb variety, the finest white in cultivation, combines wonderful purity of color, freedom and earliness of flower.

L'Indispensable. Immense flowers of a delicate lilac pink with darker shading towards the centre; late flowering.

Price. Any of the above 50 cts. each; \$5.00 per doz.; \$35.00 per 100. Set of 12 varieties, \$5.00.

STANDARD VARIETIES, DOUBLE HERBACEOUS PÆONIES.

Agnes Mary Kelway. Rosy-white guard petals, creamy-white centre.

Amabilis Lilacina. Bright lilac-rose, changing to white as flowers mature.

Andre Lauries. A fine late Tyrian rose.

Anemoneflora Rubra. Dark rich crimson.

Arthemise. Free bloomer in clusters; large, violet-rose, with light mauve shadings.

Canary. One of the freest-flowering, of medium size, pure white guard petals with amber-white centre.

Delicatissima. Large and showy free-flowering light lilac-rose.

Delachei. Very large cup-shaped flowers, deep crimson-purple.

Price. 25 cts. each; \$2.50 per doz.; \$18.00 per 100. Set of 18 varieties, \$3.75.

DOUBLE HERBACEOUS PÆONIES IN MIXTURE.—All colors, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

The old-fashioned *Paeonia officinalis* in our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderfully improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Pæonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

TWELVE FINEST HERBACEOUS PÆONIES.

Asa Gray. Bright lilac, sprinkled with minute dots of deeper lilac as if dusted on; very large.

Couronne d'Or. One of the finest late-flowering white varieties.

Duke of Wellington. Well-formed blooms, sulphur-white; fragrant.

La Tulipe. Very large globular flesh-pink shading to ivory-white, centre petals tipped carmine; one of the best. A vigorous grower and free bloomer.

Marie Lemoine (Lemoine's). Extra large, late free-flowering ivory-white.

Mme. Forel. An extra fine silvery-pink shading darker at the center. A beautiful shaped flower.

Mme. Calot. Large, pale hydrangea-pink, with darker shadings in the centre; early.

Mme. Crousse. Large, pure white flowers, with crimson flakes on the crown; very free-flowering.

Mme. de Verneville. Beautifully formed flower; very broad sulphur-white guard petals and compact white centre touched carmine.

Duc de Cazes. Guard petals tyrian-rose, centre rose-pink.

Duchess de Nemours. Large, sulphur-white; fragrant.

Edulis Superba. Violet-rose guard petals; centre mauve-rose with lighter edges.

L'Eclatante. Large, showy, brilliant red flowers in clusters.

Louis van Houtte. Brilliant crimson-maroon of good size.

Monsieur Mallet. Tyrian-rose with salmon shadings in the centre.

Queen Victoria. A strong-growing pure white variety with creamy-white centre.

Rosea Elegans. Guard petals silvery-rose; centre creamy-white suffused with rose.

Victoria Tricolor. Lilac-rose, centre light salmon-yellow.

Zoe Calot. Large, globular perfect blooms. Pure white suffused with delicate rose.

PÆONIA OFFICINALIS.

This type is the old-fashioned "Paeony," and comes into bloom from ten days to two weeks ahead of the sorts on opposite page. All are strong growers, with large, full, double, fragrant flowers.

Mutabilis Alba. Blush white.

— **Rosea.** Bright rose-pink.

Rubra. Brilliant, glowing, deep crimson.

30 cts. each; \$3.00 per doz. One of each for 75 cts.

PÆONIA TENUIFOLIA FLORE PLENA.

Interesting and handsome, not only on account of their rich crimson double flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine, feathery foliage makes a handsome ornamental plant. 30 cts. each; \$3.00 per doz.

PAPAVER NUDICAULE.

(Iceland Poppy.)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in three colors, viz., white, yellow and orange-scarlet, or in mixture. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



PERRY'S WHITE ORIENTAL POPPY.

NEW WHITE ORIENTAL POPPY

(Perry's White).

A sterling novelty, and the most distinct break that has yet been made in Oriental Poppies, it being a pure satiny white, with a bold crimson blotch at the base of each petal. It is unquestionably the most important addition to the list of new Hardy Perennial Plants this season; strong flowering size. 50 cts. each; \$5.00 per doz.

PAPAVER ORIENTALE.

(Oriental Poppy.)

These are the regal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or early spring before the first of May—give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall, and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure. We offer the following distinct varieties:

Goliath. Fiery scarlet.

Princess Victoria Louise. Salmon-pink.

Mahony. Dark crimson-maroon, shaded mahogany.

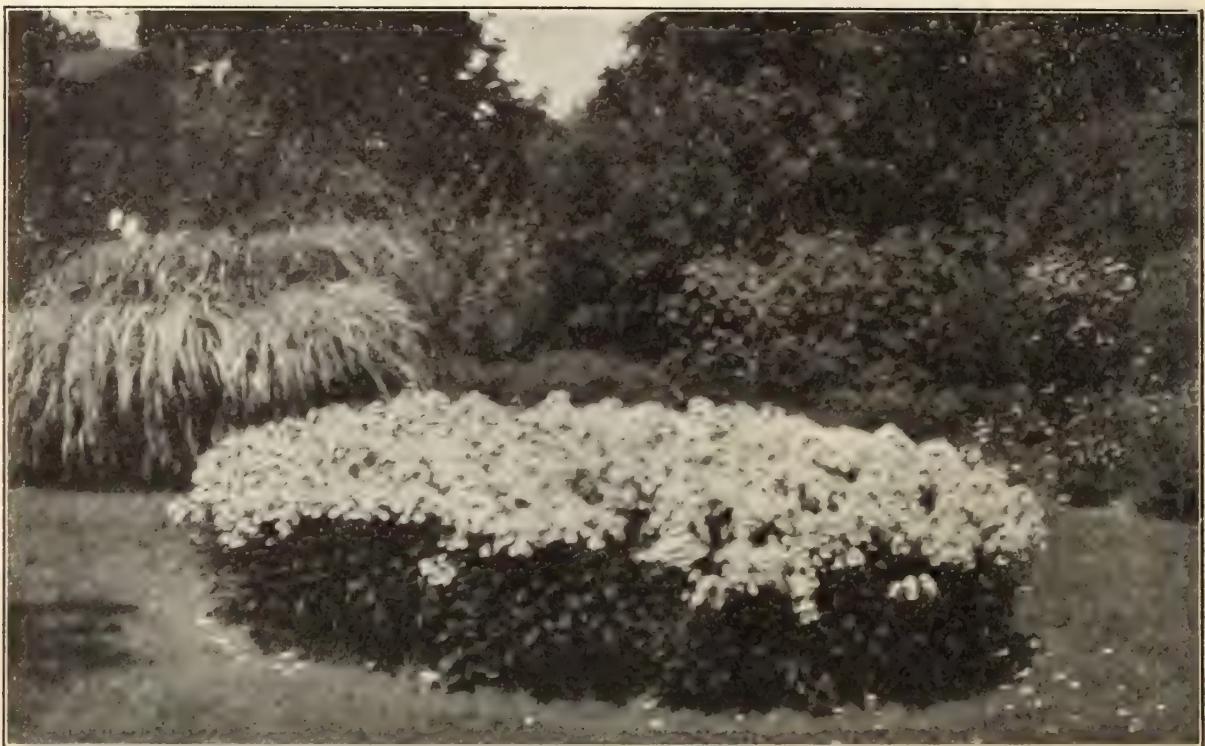
Mrs. Perry. Salmon-rose.

25 cts. each; \$2.50 per doz. Set of 5 varieties, including Perry's White, for \$1.25.

Finest Mixed Seedlings. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



ICELAND POPPIES.



BED OF PHLOX W. C. EGAN IN THE GARDEN OF MR. EGAN.

DREER'S SUPERB HARDY PHLOXES.

Hardy Phloxes have long been one of our leading specialties, and we are now the largest growers in the world of this important hardy plant. We offer below an extra choice collection of the newer sorts, while on the following pages will be found selections of the very best large-flowering standard varieties, also a very complete list of the new Phlox Arendsi, Suffruiticosa, Subulata and miscellaneous species and varieties. Cultural notes are given on the page opposite.

BEAUTIFUL HARDY PHLOXES OF RECENT INTRODUCTION.

The following varieties, all recent introductions, embrace not only new shades of color, but also form plants of strong, sturdy yet compact habit of growth which place them among the most desirable sorts, particularly for massing in large numbers.

Africa. Brilliant carmine-red with deeper eye, flowers of medium size, rich and attractive.

Astrild. Dense trusses of medium-sized flowers of a brilliant cochineal-carmine, shading deeper towards the centre.

Elizabeth Campbell. Very bright salmon-pink, with lighter shadings and dark red eye; attracts more attention in our fields than any other variety; one of the handsomest.

Europa. A white variety, with a decided crimson-carmine eye. The individual flowers and trusses are very large; entirely distinct; of remarkable sturdy, erect habit.

Frau Anton Buchner. The finest white yet introduced, having the largest truss and individual flower; dwarf habit.

Gefion. A new color in Phloxes, a tender peach-blossom pink with bright rose eye, flower and truss very large, on erect sturdy but compact stems.

Grideur. Ground color soft mauve-rose, heavily suffused and overlaid with a lively deep shade of cerise, giving the whole a beautiful mottled appearance.

Rheinlander. A most beautiful salmon-pink with flowers and trusses of immense size. The color of the flower is intensified by a very decided deep claret-red eye.

Riverton Jewel. One of our own introductions, which it gives us great pleasure to recommend. It is a lovely shade of mauve-rose, illuminated by a brilliant carmine-red eye, a splendid improvement on the popular Asia. 50 cts, each; \$5.00 per doz.

Thor. A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow. A light, almost white halo surrounds the aniline red eye. This lovely variety will hold the same place among the deep salmon pinks that the popular Elizabeth Campbell holds among the light salmon-pink sorts. 50 cts. each; \$5.00 per doz.

Tragedie. The richest color in the collection. A brilliant, rich deep carmine with blood-red eye.

Wanadis. Entirely distinct, a mottling of white and light violet, reminding one of the native Phlox Divaricata Canadensis. The color is intensified by a bright reddish-purple eye. A strong grower, producing trusses of immense size.

W. C. Egan. One of the finest Phloxes yet introduced, and while the individual flowers, according to color chart, are of a delicate lilac, illuminated by a large bright solferino eye, the color effect as a whole is a pleasing shade of soft pink. An enthusiastic writer in one of the horticultural journals says: "There never was a sweeter color." In habit of growth it is strong and vigorous, producing immense panicles of flowers nine inches high by seven across, and the individual flowers are the largest known to us, frequently measuring 1½ inches in diameter. The illustration at the head of this page shows a bed of about 200 plants of this variety in the garden of Mr. W. C. Egan, the well-known horticultural writer, in whose honor we have named it.

Widar. Light, reddish violet, with a very large white centre, which intensifies and illuminates the color.

Price, except where noted, 30 cts. each; \$3.00 per doz; \$18.00 per 100.
One each of the Fourteen Sorts for \$3.50.

Dreer's Superb Hardy Phloxes.

AMONG hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, and flowering through a long season; and while they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by liberal cultivation. The following cultural notes were written especially for this book by Mrs. Ely, the author of "A Woman's Hardy Garden."

"Probably the most satisfactory of all perennials is the Phlox, and a good space in proportion to the size of the garden should always be given these plants.

"If the early and late varieties are chosen, and the heads of blooms are cut off as soon as the blossoms have faded, the Phlox should blossom from the middle of June until ice has formed.

"The ground where Phlox is to be planted should be trenched fully two feet in depth, and may be planted in the autumn from the 1st to the 15th of October, so that they may become well rooted before winter; otherwise it should be set out as soon as the frost leaves the ground in the spring, as growth begins very early.

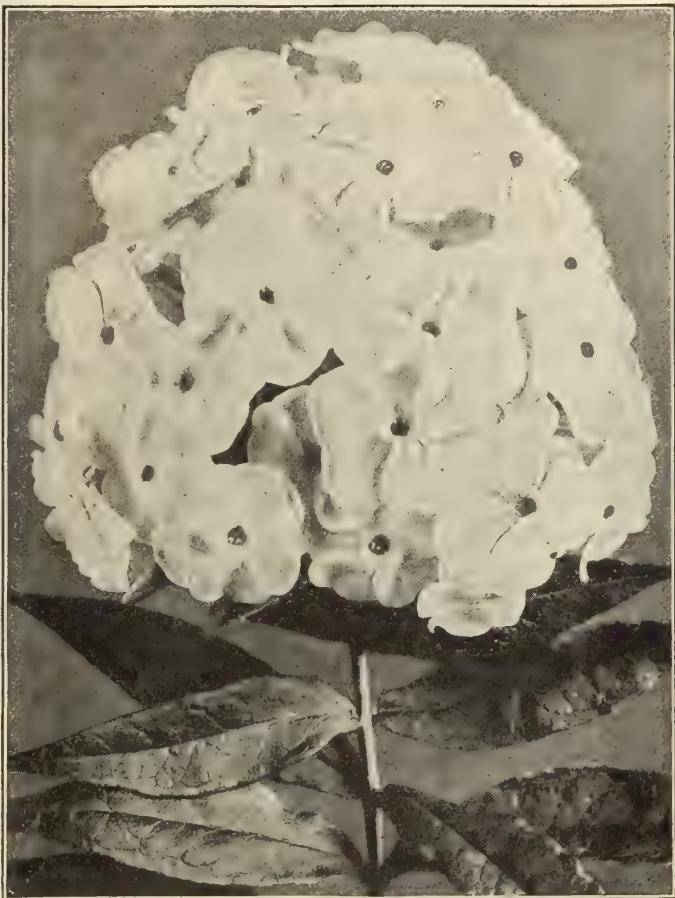
"Whether planted in spring or fall, a mulch of old manure thrown around the roots will be of benefit to the plants.

"Phlox should be set out eighteen inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble.

"In October, after three seasons of flowering, the Phlox should be lifted, the ground again trenched and enriched, the plants separated into bunches of three or four stalks each, and then reset.

"Occasionally in warm, moist summers, Phlox is attacked by mildew. But if, upon the first sign of its appearance, the leaves of the plants are well sprinkled and afterwards plentifully dusted with powdered sulphur, the disease will be arrested. In November, after the stalks of the Phlox have been cut, a litter of leaves may be spread over the plants for winter protection.

"The best effects to be had with Phlox are produced by planting masses of each color, not less than six and even as many as two dozen or more plants of one color together. For example, a border Phlox may be planted, beginning with palest pink and shading up to dark cherry; then pure white, and white with a red eye, and more white, then a quantity of red and again white at the end. If in another border the shades of purple are planted with occasional bunches of white, the Phlox will be the pride of the garden."



HARDY PHLOX.

DREER'S COLLECTION OF

"TWELVE BEST" HARDY PHLOXES.

We grow each season more than half a million plants of Hardy Phloxes in over one hundred varieties, and while all of the sorts offered are well worth growing, we realize that the average amateur only wishes a limited number of sorts, but wants these to be the best. It is to meet this want that we offer below what we consider to be the best dozen standard sorts, each one of which is a strong grower, with immense panicles of large individual blooms, pure in color and strictly first-class in every way.

Antonin Mercie. Light ground color, one-half of each petal suffused bluish lilac.

B. Comte. Brilliant rich French purple.

Bridesmaid. Pure white, with large crimson-carmine eye.

Geo. A. Strohlein. Bright scarlet, with crimson-red eye.

A large flower; color does not bleach in the sun.

Henry Murger. White, with crimson-carmine centre; a beautiful variety.

Mme. Paul Dutrie. Delicate lilac-rose in shade like a soft pink Orchid; flowers very large, borne in immense panicles.

Price. Any of the above "Twelve Best" sorts, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

ONE EACH OF THE "TWELVE BEST" PHLOXES FOR \$2.00.

DREER'S SUPERB HARDY PHLOXES.

General Collection.

Albion. A strong, vigorous grower, producing very large panicles of pure white flowers, with a faint red eye.
Asia. One of the prettiest. A delicate shade of mauve with a crimson-carmine eye.
Bacchante. Tyrian-rose with crimson-carmine eye.
Baron van Dedem. Brilliant cochineal-red with salmon shadings.
Champs Elysee. A bright rosy-magenta; very effective.
Coquelicot. A fine pure scarlet, with crimson eye.
Diadem. A fine dwarf, pure white.
Danton. Scarlet, with pure red eye.
Eclaireur. Brilliant rosy-magenta, with large lighter halo.
Frau Rosalie Wildt. Soft, pleasing mauve-rose, with carmine eye.
H. O. Wijers. Pure white, with crimson-carmine eye.
Henry Marcel. Pure red, with bright salmon shading.
Henry Royer. Tyrian-rose, with lighter shadings; dwarf.
Jeanne d'Arc. A good late-flowering pure white.
Jules Cambon. Bright rosy-magenta, with large white centre and light halo.
L'Evenement. Orange-scarlet overlaid with salmon-pink.
La Vague. Pure mauve, with aniline-red eye.
Louise Abbema. Very large dwarf, pure white.
Manzelbrunnen. A large, bright, soft pink with a large white eye.
Mrs. Jenkins. A splendid white, immense panicles, early and free bloomer.
Obergartner Wittig. Bright magenta, with crimson-carmine eye; large flowers and truss; the best of its type.
Pantheon. Uniform bright carmine rose, very effective.
Pierre Bayle. Crimson-carmine, overlaid with orange-scarlet.
Siebold. A splendid bright scarlet; one of the best reds.
Sunshine. Aniline-red, with crimson eye and light halo.
Von Hochberg. Richest crimson-purple.
Vesuvius. Pure red, with bright purple eye; a dazzling color.
Price. Any of the varieties offered above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.
 Collection of 27 General Collection varieties for \$3.00.
 Complete collection of the 53 varieties offered on pages 218, 219 and above for \$8.00.

Early Flowering Hardy Phloxes.

(*Phlox Suffruticosa*.)

While this type does not contain the rich colors which are a feature of the other well-known sorts, it is invaluable on account of coming into bloom in May, or fully six weeks earlier than the others, and continuing throughout the season.

Hercules. Bright rosy-lilac.
Mrs. Dalrymple. White, shaded rose; scarlet eye.
Miss Lingard. A grand white variety; lilac eye; large individual florets.
Ninon. Deep rosy-lilac.

Price, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

PHLOX SUBULATA (Moss, or Mountain Pink.)

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white. **Lilacina.** Light lilac.
Atropurpurea. Purplish-rose. **Nelsoni.** Pure white.
Rosea. Bright rose.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

PHLOX MACULATA HYBRIDA "ALPHA."

A cross between our native species *Maculata* and some of the showier varieties of *Decussata*, and though its color is not rich, it being a soft amaranth-pink, it is so remarkably free-flowering that it should find a place in every collection. It is especially useful in the shrubbery border. Its habit of growth is very vigorous, forming bushy specimens 2 to 2½ feet high, each shoot terminated by a spike of flowers fully 10 inches long. These are produced continuously from early in June until freezing weather. 30 cts. each; \$3.00 per doz.



NEW HARDY PHLOX ARENDSSI.

A NEW RACE OF HARDY PHLOXES.

(*Phlox Arendsi*.)

At the great International Exhibition held in London, May, 1912, where this new type of *Phlox* received an Award of Merit no other new plant in the Hardy Perennial class attracted such great attention. It originated through the successful crossing of the early-flowering popular *Phlox Divaricata Canadensis* with the showy hardy varieties of *Phlox Decussata*. The plants are of vigorous, branching habit, growing, according to the variety, from 12 to 24 inches high. Coming into flower during the latter part of May, they continue in good condition for nearly two months, producing a mass of flowers unknown in other types of *Phlox*.

From a large number of varieties we have selected six of the most distinct sorts. (See cut.)

Amanda. The dwarfest of the collection, growing but 12 inches high, very bushy, flowers delicate lilac with deeper centre.

Charlotte. Grows 18 to 24 inches high, flowers very large, pale lilac shaded pink with a prominent dark eye; one of the best.

Grete. Plant of very branching habit, 20 inches high, producing great masses of medium-sized white flowers.

Helene. Of a beautiful lavender-blue color; similar to *Divaricata Canadensis*; shapely plant; 15 to 18 inches high.

Kathe. Stems loosely branched, about 20 inches high; flowers purplish-rose with a dark eye surrounded by a lighter halo.

Louise. A strong-growing variety about 2 feet high; light lilac flowers with a carmine eye.

Price, 35 cts. each; \$3.50 per doz. One each of the 6 varieties for \$1.75.

VARIOUS PHLOXES.



PHLOX DIVARICATA ALBA GRANDIFLORA.

PENTSTEMON (Beard Tongue).

Most useful showy perennials, either for the border or rockery. With the exception of *Sensation*, they are perfectly hardy.

Gloxinioides "Sensation." A beautiful strain, bearing spikes of large *Gloxinia*-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 feet high, and bloom from early summer till frost. For bedding they rival the *Phloxes*, *Petunias* etc. Must be given protection in winter. (See cut.)

Barbatus Torreyii. Spikes of brilliant scarlet flowers, height 3 to 4 feet; June to August.

Digitalis. Large spikes of long, purple-white flowers, with purple throats, during June and July; 2 to 3 feet.

Glaber Hybrids. A trailing species, growing about a foot high and bearing in early summer showy flowers, varying from light to dark blue

Heterophyllus. Large azure-blue flowers during July and August; 2 feet.

Ovatus. Bright blue shaded bronzy-purple; July to September; 2 feet.

Pubescens. Bright rosy-purple; July and August; 1½ feet.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the 6 sorts for 75 cts.

PHYSOSTEGIA (False Dragon-Head).

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

Virginica. Bright but soft pink.

— **alba.** Pure white; very fine.

— **Speciosa.** Very delicate pink.

15 cts. each; \$1.50 per doz.; 10.00 per 100.

Amœna. This is one of the best varieties for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Canadensis Violet Queen. Deep violet-colored flowers; very free. 35 cts. each; \$3.50 per doz.

Carolina (Mountain Phlox). Grows 12 inches high, and bears masses of reddish-pink flowers in May and June. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

— **Laphami Perry's Variety.** In this we have a great improvement, the plant being more robust, the flowers considerably larger and of a more intense shade of lavender-blue. 25 cts. each; \$2.50 per doz.

— **Alba Grandiflora.** A grand white-flowering form, and should prove equally valuable and as great a favorite as the blue-flowered form. 25 cts. each; \$2.50 per doz.

Pilosa Splendens. A splendid companion to *Phlox Divaricata Canadensis*, growing from 12 to 15 inches high and flowering at the same time, but producing great masses of brilliant rosy-carmine flowers. An excellent border plant. 35 cts. each; \$3.50 per doz.



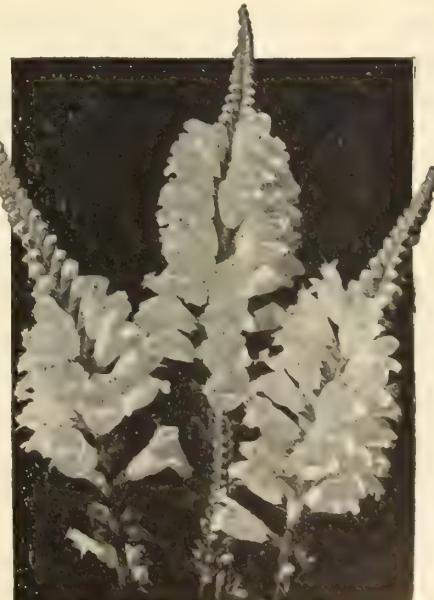
PENTSTEMON SENSATION.



PHYSALIS.

(Chinese Lantern Plant.)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. 15 cts. each; \$1.50 per doz.



PHYSOSTEGIA.



HARDY GARDEN PINKS.

HARDY GARDEN PINKS.

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting; 1 foot.

Excelsior. Light rose-pink, shaded darker.

Her Majesty. Large flowers of purest white.

Homer. Rosy-red with dark centre.

Juliette. White, laced crimson.

White Reserve. An everblooming pure white.

William Hooper. Fringed white flowers with crimson-purple lacing.

Price. Any of the above, 15 cts. each; \$1.50 per doz. Set of 6 sorts, 75 cts.

Mixed Hardy Garden Pinks. We offer a fine lot of seedlings grown from a very select strain, which should produce a good percentage of double flowers. Those that come single are very pretty, and are preferred by some to the full, double sorts. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

PLATYCODON.

(Balloon Flower, or Japanese Bell-flower.)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy."

Grandiflorum. Deep blue cupped, star-shaped flowers.

— **Album.** A white-flowered form of the above.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

PLUMBAGO (Lead-wort).

Larpentæ. Of dwarf, spreading habit, growing 6 to 8 inches high; useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the summer and fall months. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

PODOPHYLLUM.

Emodi Majus (*Himalayan Mandrake*). A curious species, growing almost 3 feet high, with pale green leaves, prettily marbled with bronze. The clear pink flowers are followed by large coral-red fruit; requires a partially shaded, rich, damp position to develop its full beauty. \$1.00 each.

Peltatum (*May Apple, or Mandrake*). A well-known native plant, which is worthy of a place in every shady border; 2 feet. 15 cts. each; \$1.50 per doz.

POLEMONIUM (*Jacob's Ladder*).

Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely-cut foliage and spikes of showy flowers.

Reptans. Showy blue flowers during May and June.

Richardsonii. Sky-blue flowers, with golden anthers; June-July. — **Alba.** A white-flowered form of the above.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

POLYGONATUM (*Solomon's Seal*).

Giganteum. Exceedingly ornamental, both in foliage and flower; grows 3 feet high and bears pendant, creamy-white flowers in May and June. Should be grown in a shady or half-shady place for best results. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

DREER'S

SPECIAL CATALOGUE OF

Old-fashioned Hardy Plants

Contains a complete alphabetical list of all the hardy plants we grow and gives their color, height, time of flowering and location best suited for each; also plans of Hardy Borders, etc. Copies free on request.



PLATYCODON GRANDIFLORUM.

POLYGONUM (Knot-weed).

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.

Cuspidatum (Giant Knot-weed.) Attains a height of 5 to 7 feet, and in fall produces long, drooping clusters of white flowers at the axil of each leaf; a striking plant for the shrubbery or as an isolated specimen.

Brunonis. A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

Price. Any of the above, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

NEW POLYGONUM SERICEUM.

An early flowering species, coming into bloom early in May and continuing well into June. The plant grows about two feet high, is perfectly hardy, and its feathery spikes of white flowers make it a most desirable subject for the hardy border, or for interspersing along the front of the shrubbery border. \$1.00 each.

PRUNELLA.

Grandiflora. A low-growing plant, suitable for a shady spot on the rockery or border. Round heads of purple flowers all summer.

25 cts. each; \$2.50 per doz.

**DREER'S
SPECIAL CATALOGUE
OF
OLD-FASHIONED
HARDY PLANTS.**

Containing a complete alphabetical list of all the hardy plants we grow, giving color, height, time of flowering and best location; also plans of Hardy Borders. Copies free on request.



PRIMULA VULGARIS (English Primrose).



POLYGONUM COMPACTUM.

POTENTILLA (Cinquefoil).

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Atrosanguinea. Rich crimson, single.

MacNabiana. Deep crimson, double.

Miss Willmott. Bright cerise, single flowers.

Plantii. Red and yellow, single.

Pyrenaica. Single, golden yellow.

Vulcan. Double, rich crimson.

William Rollison. Bright vermillion; double.

25 cts. each; \$2.50 per doz. Set of 7 sorts for \$1.50.

PRIMULAS (Primrose).

The hardy Primroses are among the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil, in the border or in a sheltered nook in the rockery; if possible, in a half-shady place.

Acaulis Alba plena. Very showy and useful; double white. 25 cts. each; \$2.50 per doz.

— **Cœrulea.** A most novel variety, with deep purplish-blue flowers of large size; early and prolific. 25 cts. each; \$2.50 per doz.

— **Croussei plena.** Distinct and pleasing shade of purplish-red. 25 cts. each; \$2.50 per doz.

Veris (English Cowslip). Plants grown from a select strain of seed, and embrace a fine range of colors. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

Veris Superba. A giant-flowered form, producing individual flowers from 1 to 2 inches across; in color they are a bright canary-yellow with a golden centre; perfectly hardy, and when in flower present a sheet of bloom. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Vulgaris (English Primrose). An old favorite, and should be found in every garden; one of the earliest spring flowers; of bright canary-yellow; very fragrant. 15 cts. each; \$1.50 per doz.

Set of above 6 Primroses, a fine collection, for \$1.00.



PRIMULA VERIS SUPERBA.



PULMONARIA (Lungwort, Bethlehem Sage).

Angustifolia Azurea (*Blue Cowslip, or Lungwort*). The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian-blue flowers; very desirable. 30 cts. each.

Officinalis Rosea. Interesting rose-colored flowers early in April; 1 foot. 15 cts. each; \$1.50 per doz.

Saccharata Maculata. A beautiful plant, rivaling in the markings of its foliage many of the choicest hothouse plants; of easy culture; foliage deep green, handsomely mottled with silvery-grey, and terminal 1 foot high spikes of pink, changing to blue flowers during May and June. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PYRETHRUM.

Hybridum, Single-flowering. These are described and offered on page 201 and illustrated on the plate opposite the above page.

Hybridum, Double-flowering. Choice named varieties in crimson, pink and white. 35 cts. each; \$3.50 per doz. One each of the three colors for \$1.00.

Uliginosum (*Giant Daisy*). Grows 3 to 5 feet high, and is covered with large white daisy-like flowers, 3 inches in diameter, from July to September. 15 cts. each; \$1.50 per doz. \$10.00 per 100.

Pyrethrum Uliginosum Stellata.

A variety which originated in our Nursery. It is a greatly improved form of the Giant Daisy, and, like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow petals, forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. (See cut.) 25 cts. each; \$2.50 per doz.

Plans of Hardy Borders.

These are shown together with list of suitable plants in our Special Catalogue of Hardy Plants. Copies free on request.



ROMNEYA COULTERI.



PYRETHRUM HYBRIDUM Fl. Pl.

RANUNCULUS.

(Crow-foot, Buttercup.)

Aconitifolius Fl. Pl. (*Fair Maids of Frunce*). Forms a branching bush 2 feet high, flowers double, pure white, in May and June.

Acris Fl. Pl. A double-flowered form of our common Buttercup; 2 feet; May and June.

Amplexicaulis. A dwarf variety, producing pretty single white flowers with yellow stamens during April and May.

Gramineus. A dainty variety for the rockery or border, with grass-like foliage, producing masses of yellow flowers on branched 6 to 8 inch high stems, during April and May.

Repens Fl. Pl. (*Bachelor's Buttons*). A pretty double-flowering bright golden-yellow Buttercup. Bears masses of flowers during May and June.

15 cts. each; \$1.50 per doz. Set of 5 sorts, 65 cts.

RHEXIA (Meadow Beauty).

Virginica. A handsome dwarf plant, 9 inches, flowering the greater part of the summer, with numerous bright rosy-purple blossoms, and long, protruding golden anthers; grand for massing in a moist, sunny spot. 15 cts. each; \$1.50 per doz.

RODGERSIA.

Podophylla. A stately plant, both in foliage and flower; planted in rich, deep soil, in a sunny situation, and liberally supplied with water, produces five-lobed leaves, 2½ to 3 feet in diameter, at first bright green, changing to a metallic-brown hue; flowers white, not unlike a Spiraea, and borne in large, fluffy, feathery sprays in midsummer. 25 cts. each.

Tabularis. A rare Siberian species with attractive pale green foliage, which in established plants is borne on stems 3 to 4 feet high, and is fully 18 inches in diameter, and retains its fresh and stately appearance throughout the season; its fluffy, feathery white flowers are borne on sprays 6 feet high during midsummer. 50 cts. each.



RUDBECKIA PURPUREA (Giant Purple Cone Flower).

ROMNEYA (California Tree or Matilija Poppy).

Coulteri. This beautiful Poppy, while hardy as far north as Philadelphia, should be planted in a well-drained, sunny, sheltered position. It grows 3 to 5 feet high, and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 6 inches and over across, delicate and transparent, yet enduring in a good state for several days; delightfully fragrant. 75 cts. each.

ROSMARINUS (Rosemary).

Officinalis. An old favorite aromatic herb of neat habit of growth; requires protection; 15 cts. each; \$1.50 per doz.

RUDBECKIA (Cone-flower).

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

“Golden Glow.” A well-known popular plant, a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September.

Maxima. A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September. 25 cts. each; \$2.50 per doz.

Newmanii. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida, “Autumn Sun.” An attractive single-flowering variety, growing 5 to 6 feet high with long, broad petals of bright primrose-yellow. August to October.

Purpurea (Giant Purple Cone-flower). Flowers about 4 inches across, of a peculiar reddish purple with a remarkably large, cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

Sub-Tomentosa. A pyramidal, densely-branched plant, 2½ feet high, which is completely enveloped throughout the summer in a mass of brilliant lemon-yellow flowers with dark purple centres.

Price, except where noted, 15 cts. each; \$1.50 per doz. Set of six sorts for 85 cts.

NEW SALVIA ULIGINOSA.

In general habit similar to *Salvia Azurea* and *Pitcheri* but of stronger growth, each plant forming a bushy specimen from 5 to 6 feet high, and wonderfully free flowering, blooming continuously from June until stopped by severe frost in October. The flowers are a pretty Cornflower-blue color with a white throat, and are produced in branched spikes, frequently 6 inches long. One of the most desirable introductions of the season. (See cut.) 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

SALVIA (Meadow Sage).

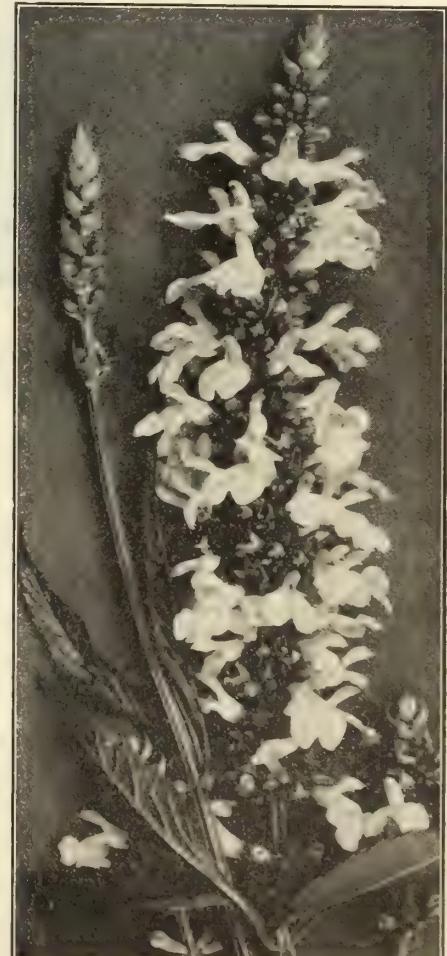
Azurea. A Rocky Mountain species; grows 3 to 4 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion. 25 cts. each; \$2.50 per doz.

Pitcheri. Similar to the above, but of more branching habit and larger flowers of a rich gentian blue color and one of the most admired plants by the many visitors to our nurseries during the early autumn; 3 to 4 feet. 25 cts. each; \$2.50 per doz.

Greggii. We are at a loss to understand why the beauty of this *Salvia*, a native of the mountains of western Texas, was not discerned sooner. We grew it forty years ago as a greenhouse plant but with indifferent results, and it is only recently that its merits as a plant for the hardy border were discovered. Out of doors it makes a good showing from June until cut by severe frost, and the brilliant carmine color of its flowers is particularly bright from August on. The plant is of bushy habit, growing about two feet high, and is said to have withstood a temperature of 10 degrees below zero. 35 cts. each; \$3.50 per doz.

Virgata Nemorosa. A new and interesting plant for the hardy border, forming a rosette of large foliage, from which the flower spikes arise, bearing many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet blue, forming a harmonious and pleasing color combination.

It continues in flower for about six weeks during the early summer months; 18 inches. 35 cts. each.



NEW SALVIA ULIGINOSA.

The New Blue Hardy *Salvia Uliginosa* offered above is particularly fine.



GROUP OF SAXIFRAGAS (Megasea)

SAXIFRAGA.

(Megasea.)

These will thrive in any kind of soil and in any position; grow about one foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective. (See cut.)

Cordifolia. Light pink.**Orcbiculare.** Deep rose.**Speciosa.** Deep rosy-crimson.**Stracheyi.** Pale pink.**Van Houttei.** Light pink.

25 cts. each; \$2.50 per doz.; \$18.00 per 100. Set of 5 sorts, \$1.00.



SAXIFRAGA PYRAMIDALIS.

ALPINE SAXIFRAGAS.

The following varieties require a semi shady position in well drained ground or on the rockery:

Peltata. Suitable for growing in moist situations, with large shield-shaped leaves and clusters of light pink flowers on stiff, erect stems 3 feet high. 25 cts. each; \$2.50 per doz.

Pyramidalis. Forms rosettes of narrow, silvery foliage; showy spikes 2 feet high of white flowers in May and June. 35 cts. each.

Sarmentosa (Aaron's Beard). A trailing variety with deep green foliage; prettily variegated with silvery-white; used in hanging-baskets, on the rockery, etc. 15 cts. each; \$1.50 per doz.

Umbrosa (London Pride, Nancy Pretty, or None-so-Pretty). A low-growing, spreading sort, throwing up stems a foot high of white, sometimes suffused with red, flowers. 25 cts. each; \$2.50 per doz.

SANTOLINA (Lavender Cotton).

Chamæcyprissus Incana. A dwarf evergreen perennial with attractive silvery-white foliage; useful as a rock or border plant and largely used for carpet bedding; prefers a light soil and rather dry position. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

SAPONARIA (Soap-Wort).

Caucasica (Double-flowering Bouncing Bet). White tinted rose, double flowers, produced all summer and fall; 15 inches.

Ocymoides. Very showy rock plant, producing during summer months masses of small, bright rose flowers; 9 inches.

15 cts. each; \$1.50 per doz.

SATUREIA (Winter Savory).

Montana. A neat, dwarf evergreen, aromatic plant, with slender, woody, very branching stems, 12 inches high, covered with showy white heather-like flowers in August and September. 25 cts. each; \$2.50 per doz.

SCABIOSA.

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (Blue Bonnet). A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 24 inches high until September. (See cut.)

— **Alba.** A pure white variety.

Japonica. Lavender-blue flowers, in bloom from July to September; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SCUTELLARIA.

(Skull-cap.)

Macrantha. Pretty trailing plants for the border or rockery, light blue flowers during July and August. 25 cts. each; \$2.50 per doz.



SCABIOSA CAUCASICA.

SEDUM (Stone-crop.)**DWARF VARIETIES.**

Suitable for the rockery, carpet bedding, covering of graves, etc. **Acre** (*Golden Moss*). Much used for covering graves; foliage green, flowers bright yellow.

Album. Green foliage, white flowers.

Kamtschaticum. Deep green foliage; yellow flowers in June; 8 inches.

Lydium Glaucum. A neat variety, with glaucous foliage.

Middendorfianum. Narrow green foliage, sulphur-yellow flowers in summer.

Sexangulare. Dark green foliage, yellow flowers.

Sieboldi. Round, succulent, glaucous foliage, bright pink flowers in August and September.

Stahli. Compact species with crimson-tinted foliage in autumn.

Stolonifera. One of the most desirable, flat succulent leaves, flowers purplish-pink; July and August; 6 inches.

Spurium. Attractive pink flowers; 6 inches.

— **Coccineum.** A beautiful crimson-flowered form.
15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ERECT, OR TALL-GROWING VARIETIES.

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

Japonicum Macrophyllum. Forms compact bushes 15 inches high, with pleasing waxy-white flowers, with light pink centres.

Maximum Atropurpureum. Interesting on account of its dark bronzy-purple foliage; 15 inches.

Spectabilis. One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rose-colored flowers; indispensable as a late fall-blooming plant.

— **"Brilliant."** A rich colored form of the preceding, being a bright amaranth-red. 25 cts. each; \$2.50 per doz.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the four sorts for 50 cts.

SEMPERVIVUM (House Leek).

Peculiarly interesting plants for the rockery or for any exposed, well-drained position. We can furnish six distinct varieties at 10 cts. each; \$1.00 per doz. Set of 6 for 50 cts.



SEDUM SPECTABILIS.

SENECIO (Groundsel).

Especially suited for planting in low, moist ground, grow from 3 to 5 feet high, producing a bold effect.

Clivorum. Very large, round leaves and heavy stems of pure yellow flowers.

Pulcher. Forms a neat tuft of foliage, from which spring up, from July to October, a succession of 2 feet high stems, with clusters of brilliant rosy-purple flowers, of good size.

Veitchianus. Its tall flower-stems arise from a wide-spreading tuft of large cordate leaves, bearing bright yellow flowers in July and August.

25 cts. each; \$2.50 per doz.

SHORTIA.

Galacifolia. A rare and handsome dwarf evergreen, with bronzy-green foliage. Requires a shady position and a soil made up mostly of leaf-mould. The flowers are pure white, about an inch across, each on a stiff, wiry stem, and turn pink with age. 25 cts. each.

SILENE (Catchfly).

Alpestris. A good rock-work plant, grows about 4 inches high, with glistening white flowers in July and August.

Schafta (*Autumn Catchfly*). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

SILPHIUM (Cup Plant).

Perfoliatum. A tall growing perennial 6 to 8 feet high, bearing large yellow single flowers during August and September; a good subject for the shrub-border. 25 cts. each; \$2.50 per doz.

SISYRINCHIUM (Satin Lily, or Blue-eyed Grass).

Bermudianum. A pretty, early spring and fall-flowering plant, with blue flowers and grass-like foliage; 10 inches. 15 cts. each; \$1.50 per doz.

SOLIDAGO (Golden Rod).

The varieties offered below are the most desirable of our native Golden Rods. **Altissima.** The giant of the family, attaining a height of 10 to 12 feet; the large heads of golden-yellow flowers reach perfection late in October.

Canadensis. Grows 4 to 5 feet high, with spikes of golden yellow flowers from the end of July until September.

Golden Wings. The finest of all; 5 feet high with immense panicles of bright golden-yellow flowers from July to September.

Shortia. Golden-yellow flowers in July and August; 3 feet.

Virgaurea Nana. Grows but 15 inches high; deep yellow flowers in August and September.

Price, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



SOLIDAGO.



SPIRÆA ARUNCUS.

SPIRÆA (Goat's Beard, Meadow Sweet).

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich, moist soil.

Aruncus. A noble variety, 3 to 5 feet high, producing in June and July long, feathery panicles of white flowers.

Chinensis. A handsome species, with large heads of silvery-pink flowers in June and July; 2 feet. 25 cts. each; \$2.50 per doz.

Filipendula Fl. Pl. (*Double-flowered Drop-wort*). Numerous corymbs of double white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

Gigantea, or Kamtschatica. Forms a bold plant 5 or 6 feet high, with large palmate leaves and immense heads of white flowers in June and July. 25 cts. each; \$2.50 per doz.

Palmata (*Crimson Meadow Sweet*). One of the most beautiful hardy plants, the deep purple-red of the stems and branches passing into the crimson-purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

— **Elegans.** A free-flowering, silvery-pink form of the above.

Ulmaria Fl. Pl. (*Meadow Sweet*). Grows about 3 feet high, and produces its large double-white flowers during June and July. (See cut.)

Venusta. A showy, red-flowering species; very fragrant; 4 to 5 feet; June.

Venusta Magnifica. A new variety and a decided improvement on S. Venusta, with richer and more intense rosy-red, fragrant flowers, blooming during June and July; a splendid plant for low, wet ground; 4 to 5 feet. 50 cts. each; \$6.00 per doz.

Price, except where noted, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. One each of the above 9 varieties for \$1.50.

SPIGELIA (Carolina, or Indian Pink).

Marilandica. A rare and charming native plant, succeeding best in a shady, moist situation, and producing from early in June till late in October brilliant red, tubular flowers with yellow throat; 12 to 15 inches. 35 cts. each; \$3.50 per doz.

STACHYS (Woundwort).

Betonica Grandiflora (*Betony*). Large flowers of a soft rose-color; June and July; 15 inches.

— **Rosea.** Grows 12 to 15 inches high, with bright pink spikes of flowers in June and July.

Lanata. Forms a densely-leaved mass of bright, silvery-white woolly foliage and inconspicuous clusters of light purple flowers. As a plant for edging or for clumps in the border, or wherever intense color is desired for contrast with other foliage, it will be found most useful.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

STATICE (Great Sea Lavender).

Latifolia. A most valuable plant either for the border or rockery, with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish-blue minute flowers from June to September; these, if cut and dried, last in perfect condition for months. 15 cts. each; \$1.50 per doz.

STENANTHIUM.
(Mountain Feather Fleece.)

Robustum. A rare perennial, with showy panicles of pure white, fleecy flowers in August and September on stems 4 to 5 feet high; requires a moist, semi-shady position. 50 cts. each; \$5.00 per doz.



STATICE LATIFOLIA.



SPIRÆA ULMARIA FL. PL.

**STOKESIA** (Cornflower Aster).

Cyanea. A beautiful native plant. Grows from 18 to 24 inches high, bearing freely from early in June until September its handsome lavender-blue Cornflower-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size.

Cyanea alba. Pure white variety of above.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

SWEET WILLIAM (Dianthus Barbatus).

We offer a superb strain which we can supply either in a choice mixture or in the following separate colors, viz.: Newport Pink, Scarlet and White.

10 cts. each; \$1.00 per doz.; \$8.00 per 100.

SYMPHYTUM (Comfrey).

Asperrrimum aureo variegatum. A pretty golden variegated foliage border plant; in spring the leaves form rosettes close to the ground, later in the season the stems and leaves rise and form a taller plant, 15 to 18 inches high, with numerous drooping blue bell-shaped flowers. 25 cts. each; \$2.50 per doz.

THERMOPSIS.

Caroliniana. A showy, tall-growing plant, attaining a height of 3 feet, producing long spikes of yellow flowers in June and July. 25 cts. each; \$2.50 per doz.

TEUCRIUM.

Canadense (American Germanander). A useful plant for the rockery; dark green aromatic foliage and spikes of light purple flowers in midsummer. 15 cts. each; \$1.50 per doz.



SWEET WILLIAM.

STOKESIA
(CORNFLOWER ASTER).

THALICTRUM.

— **Album.** Pure white flowers.

Flavum. Pale yellow flowers in July and August; 3 to 4 feet.

Glaucum. Fine-cut foliage; bronzy-yellow flowers in June; 2 feet.

Minus. Finely divided foliage and pale yellow flowers in June and July. 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

TWO RARE THALICTRUMS.

(Meadow Rue.)

Aquilegafolium Album Compactum. A compact growing form of the Columbine-leaved Meadow Rue, not over 2 feet high; flowers of purest white in large heads. 50 cts. each; \$5.00 per doz.

Dipterocarpum. A pretty and distinct species, with large flowers of a charming shade of lilac mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high; the flowers are produced in large, graceful panicles during August and September. 75 cts. each.

THYMUS (Thyme).

Citriodorus. Lemon-scented foliage, of bushy habit.

Lanuginosus (Woolly-leaved Thyme). A trailing variety, with grayish foliage.

Serpyllum (White Mountain Thyme). A pretty subject for the rocky, forming dense mats of dark green foliage and clouds of white flowers.

— **Coccinea** (Scarlet Thyme). Dark green foliage and clouds of bright red flowers.

— **Splendens.** Bright purplish-red flowers.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

TIARELLA (Foam Flower).

Purpurea major. An attractive variety, forming a neat, compact clump; the foliage unusually bright as it expands in the spring; bears long spikes of salmon-red flowers. 15 cts. each; \$1.50 per doz.

TRADESCANTIA (Spider Wort).

Virginica. Produces a succession of blue flowers all summer; 1½ to 2½ feet.

— **Alba.** A white-flowered form.

— **Flore Plena.** A double-flowering variety, purple flowers.

15 cts. each; \$1.50 per doz.

TRICYRTIS (Japanese Toad Lily).

Hirta. An interesting Japanese plant, growing 18 inches high, and producing in the greatest profusion in late fall clusters of most peculiar lily-like flowers, which are creamy-white, spotted purplish-brown. Should be planted in semi-shady situation.

Macropoda Striata. Useful for its foliage, which is prettily variegated green and white; 1 foot.

25 cts. each; \$2.50 per doz.



TROLLIUS, OR GLOBE FLOWER.
(Offered on opposite page.)

TRITOMA (Red-hot Poker, Flame Flower, or Torch Lily).

The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such elegant subjects should become so popular.

All the varieties offered are worthy of cultivation, succeeding in any ordinary garden soil, but responding quickly to liberal treatment; they are hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar.

Pfitzerii (The Everblooming Flame Flower). In bloom from August to October, with spikes 3 to 4 feet high and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Quartiniana. This novel variety flowers late in May in spikes 10 to 12 inches long, orange-red when first opening, the lower part changing to yellow when mature; a pretty combination of colors; 3½ to 4 feet. 50 cts. each.

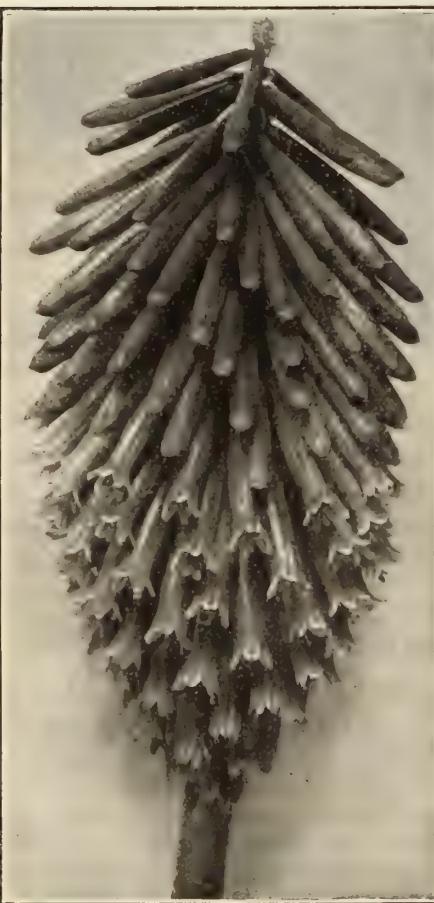
Saundersi. One of the earliest to bloom, beginning in June, continuing until the end of August. Deep coral-red, changing to chrome-yellow; 3 feet. 35 cts. each; \$3.50 per doz.

Sulphurea. A fine free-flowering sulphur-yellow; Aug. and Sept.; 2½ feet. 30 cts. each; \$3.00 per doz.

Tricolor. A charming small-flowered sort, in which three distinct colors are combined in the same spike of flowers, the buds at first appearing cochineal-red, changing to canary-yellow, finally opening a sulphur-white; very free-flowering; August to October; 2½ feet. 25 cts. each; \$2.50 per doz.

Uvaria Grandiflora. The old-fashioned late-flowering sort; spikes 3 to 5 feet high, flowers rich ochre-red, passing to salmon-pink. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

One each of the 6 Tritomas for \$1.50.



TRITOMA PFITZERII.



VERONICA LONGIFOLIA SUBSESSILIS.

TRILLIUM (Wood Lily, or Wake Robin).

Excellent plants for shady positions in the hardy border, or in a sub-aquatic position, flowering in early spring; 12 to 18 inches.

Erectum. This is the purple wood lily; the earliest to flower.

Grandiflorum. The large white; probably the handsomest.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.

TROLLIUS (Globe Flower).

Desirable free-flowering plants, producing their giant Buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeed admirably in the border in a half-shady position in well-drained, preferably light soil.

Caucasicus "Orange Globe." Large, deep-orange colored flowers.

Europaeus. Large, bright yellow, globular flowers.

Japonicus "Excelsior." Very deep orange flowers.

Lichtball. Large orange-yellow.

Lebedouri. A very distinct rare species, growing 2 to 2½ feet high, producing its rich orange large flowers, which open up like a buttercup, in great profusion from May to July, with some flowers the entire summer. 50 cts. each; \$5.00 per doz.

Price, except where noted, 25 cts. each; \$2.50 per doz. Set of 5 sorts for \$1.25.

TUNICA.

Saxifraga. A pretty tufted plant with light pink flowers, produced all summer; useful either for the rockery or the border. 25 cts. each; \$2.50 per doz.

VALERIANA (Valerian).

Coccinea. Showy heads of reddish flowers; June to October; 2 feet.

— **alba.** A white-flowered form.

Officinalis (*Hardy Garden Heliotrope*). Produces showy heads of rose-tinted white flowers during June and July, with strong heliotrope odor; 3 to 4 feet. (See cut.)

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

VERONICA (Speedwell).

Amethystina. Amethyst-blue flowers in June and July; 2 feet.

Incana. Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot.

Longifolia Subsessilis. Mr. Ely says of this fine variety: "Should be set out in the spring, so that it may become well established before winter. This plant grows about three feet high, and three-year-old plants produce eight or ten stalks, bearing a long spike of deep blue flowers. Begins to bloom in mid-July and continues flowering for a month. It requires only good garden soil and watering in dry weather; but if a little bonemeal is dug about the plants early in May, the spikes of bloom will be much finer, and if covered in late autumn with stable litter is quite hardy." 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Maritima. Long spikes of blue flowers from July to September; 2 feet.

Pectinata. Fine for the rockery; masses of blue flowers in May.

Repens. A useful rock or carpeting plant, with light-blue flowers.

Rupestris. A fine rock plant, growing three or four inches high, thickly-matted deep green foliage, hidden in spring under a cloud of bright blue flowers.

— **Alba.** A white-flowered variety of the above.

Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July.

— **Alba.** A white-flowered form of the above.

— **Rosea.** A pretty pink-flowered form.

Virginica. Long spikes of white flowers in July and August; 3 to 4 feet.

Price (except where noted),

15 cts. each; \$1.50 per

doz.; \$10.00 per 100.

Set of 12 varieties,

\$1.50.



VALERIANA OFFICINALIS.



VINCA MINOR AUREA

VINCA.

(Periwinkle or Trailing Myrtle.)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

—**Aurea.** A new golden variegated variety, which besides being useful as a plant for carpeting the ground is a valuable addition for use in window boxes during the winter months in connection with Boxwoods and other evergreen plants. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

—**Argentea Variegata.** Similar to Aurea in habit of growth, but having silver instead of gold variegation. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

VINCETOXICUM (Mosquito Plant).

Japonicum. An interesting plant from Japan, with small white flowers in summer, which attracts and kills insects. The foliage is dark green and almost evergreen. 25 cts. each; \$2.50 per doz.

VIOLAS OR TUFTED PANSIES (*Viola Cornuta*).

The improved forms of *Viola Cornuta* are one of the important bedding plants of Europe, and are now now being used extensively here. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

Admiration. Soft purple, with dark blotch.

Lutea Splendens. Rich golden yellow.

Papilio. Violet, with dark eye.

White Perfection. A fine white,

5 cts. each; 50 cts. per doz.; \$4.00 per 100.

VIOLA CORNUTA PURPUREA, OR, G. WERMIG.

A variety of the tufted Pansy, which in general appearance so closely resembles the Princess of Wales Violet as to make it a splendid substitute for the latter during the summer months when these are not to be had. 20 cts. each; \$2.00 per doz.

HARDY VIOLETS.

The varieties listed below are not suited for forcing under glass; they are perfectly hardy, and when grown in the open border are covered with flowers in early spring.

Double Russian. Fine large, double, deep purple flowers of exquisite fragrance. 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

Blanda (Sweet White Violet). Our native single white violet, faintly sweet scented. 10 cts. each; \$1.00 per doz.

Pedata (Bird's Foot Violet). A native variety, with finely-cut foliage and showy blue flowers. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

—**Bicolor.** An elegant variety of the preceding, with the upper petals a rich royal purple; lower petals almost white. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

WALLFLOWERS.

The old favorite fragrant Wallflower; mixed colors, including yellow, brown, etc. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

YUCCA (Adam's Needle).

Filamentosa. Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and 5 to 6 feet tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Filamentosa Variegata. Identical with the above excepting that the foliage is beautifully and distinctly margined with creamy white; a rare and most effective plant. (See cut). \$1.00 each.



WALLFLOWER.



YUCCA FILAMENTOSA VARIEGATA.

Dreer's Choice Hardy Shrubs

NOTE.—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Freight or Express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines in Philadelphia.

THE PLANTING AND CARE OF SHRUBS.

SHUBBS, deciduous and evergreen, are as much a part of the well-balanced garden as the lawn or flower borders.

Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Shrubs have many uses; such as a dividing line between the flower and vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower border; for hiding an unsightly building, fence or foundation, or they may be planted in a mixed shrubby border, in which case those of short, dense growth should be planted along the front of the border, graduating to the tall-growing kinds at the back.

Thorough preparation of the soil by spading, and the addition of a liberal quantity of sheep or stable manure or bone meal will be well repaid by strong, vigorous, healthy growth. All the attention necessary to such a border would be occasional cultivation to keep down weeds, and a little top dressing of manure or bone meal in the late fall to keep up the fertility of the border. In planting, care should be taken not to overcrowd, allowing sufficient room for future development, and unless an immediate effect is wanted—in which case they may be planted closer and some of them moved when necessary—the majority of the dwarf-growing kinds may be set about 3 feet apart, the tall, strong growers, about 5 feet apart.

Deciduous Shrubs should be planted in spring as soon as frost is out and the ground in workable condition. This gives them a chance to make some root-growth before hot weather comes, and while it is quite possible to plant up until the beginning of May, they will not do as well as if planted earlier.

Deciduous Shrubs of all kinds may be planted directly after the first frost in the fall, usually about October 15th in the latitude of Philadelphia, and as there are six weeks of good weather after that date, and less to do at that time than in the spring, it is well to take advantage of the conditions in the autumn.

The question of when and how to prune Shrubs is one that is frequently asked, and as no hard and fast rule can be given, we can but indicate in a general way what should be done.



ALTHEA ALBA PLENA.

All Shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weigelas, etc., produce their flowers on the growth of wood made the previous year. To prune these in fall or spring would be to destroy most of the flowers for that season. These, therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Desmodiums, Hydrangeas, etc., and these should be pruned in early spring. In our judgment, Shrubs are, as a rule, pruned too much, all the pruning, or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape, care, of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine to all parts of the plant.



ABELIA CHINENSIS GRANDIFLORA.

Abelia Chinensis Grandiflora. A choice, small Shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. (See cut.) 25 cts. each; \$2.50 per doz.

Althea (Rose of Sharon). The Altheas are among the most valuable of our tall hardy Shrubs on account of their late season of blooming, which is from August to October, a period when but few Shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. We offer the following choice sorts:

- **Alba plena.** Double white, crimson centre.
- **Cœrulea plena.** Double blue.
- **Duchess de Brabant.** Double dark red.
- **Folia Variegata.** Leaves variegated green and white.
- **Jeanne d'Arc.** Double pure white.
- **Lady Stanley.** Double blush-white with crimson centre.
- **Rubis.** Single, deep crimson.
- **Totus Albus.** Fine single pure white, very desirable.

25 cts. each. Set of 8 varieties, \$1.75.

We will supply all Shrubs priced at 25 cts. each for \$2.50 per doz.; \$18.00 per 100.



BERBERIS THUNBERGII (As a hedge).

Amorpha Fruticosa (*False Indigo*). A strong-growing Shrub, from 6 to 7 feet high, with finger-like spikes of indigo-colored flowers, three or more spikes in a cluster; blooms early in June. 25 cts. each.

Andromeda (*Lily of the Valley Shrub*). Excellent for bordering Rhododendron beds or for planting in conjunction with either the deciduous or evergreen hardy Azaleas; blooms in May.

— **Floribunda**. A handsome dwarf species, upright panicles of nodding waxy-white flowers. \$1.25 each; \$12.00 per doz.

— **Japonica**. Very rich dark evergreen foliage and drooping racemes of white blossoms of great beauty; very hardy. \$1.25 each; \$12.00 per doz.

Aralia Spinosa (*Hercules Club, Angelica Tree, or Devil's Walking-stick*). A singular native tree-like Shrub, growing from 10 to 15 feet high, with very prickly stems, pinnate leaves and immense panicles of white flowers in August, followed by black fruit which make it attractive until late in fall, an odd tropical looking plant. 50 cts. each.

Azalea Amoena. This little gem is practically evergreen, and in late spring the plants are literally smothered with masses of rosy-crimson flowers. We offer bushy plants:

	EACH.	DOZ.	100.
10 to 12 inches high	\$ 75	\$ 7 50	\$60 00
12 to 15 " "	1 00	10 00	80 00

— **Hinodegiri**. An extremely hardy sort, growing about $2\frac{1}{2}$ feet high and producing great masses of very bright, fiery-red, single flowers. Very desirable on account of its brilliant color. Strong bushy plants, 12 to 15 inches high, \$1.25 each; \$12.00 per doz.; \$90.00 per 100. Fine young plants, 5 to 6 inches high, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

— **Hinamayo**. A new perfectly hardy species, with delicate rose-pink flowers; a splendid companion to the brilliant Hinodegiri. Well-budded 3-year-old plants, \$1.50 each.

Azalea Japonica Alba, or Ledifolia Alba. A choice hardy variety, producing in late spring large pure white flowers similar to the well-known Azalea Indica Alba. It is very free-flowering, and is valuable to plant in connection with high-colored Azaleas and Rhododendrons. (See cut.) Strong plants, 12 to 18 inches high, 75 cts. each; \$7.50 per doz.; \$60.00 per 100. Fine bushy young plants, 6 to 8 inches high, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

— **Mollis**. **Anthony Koster**. One of the prettiest of this section. Its intense golden orange-yellow flowers are of exceptionally large size, and are produced very freely. Strong plants, \$1.25 each; \$12.00 per doz.; \$90.00 per 100.

— **J. C. Van Tol**. This is the best of the red flowering forms of Mollis, having exceptionally large flowers, and being of strong vigorous habit. Strong plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

— **Mixed**. All the choicest colors in mixture, including yellow, orange, red, etc. Strong plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

— **Pontica. Coccinea Speciosa**. The brightest of this type, brilliant reddish salmon with fiery red shadings. \$1.00 each; \$10.00 per doz.

— **Davisi**. The finest white, very free-flowering. \$1.00 each; \$10.00 per doz.

— **Nancy Waterer**. A pleasing shade of Indian-yellow. \$1.00 each; \$10.00 per doz.

— **Bouquet de Flore**. A pleasing soft salmon-rose. Semi-double. \$1.00 each; \$10.00 per doz.

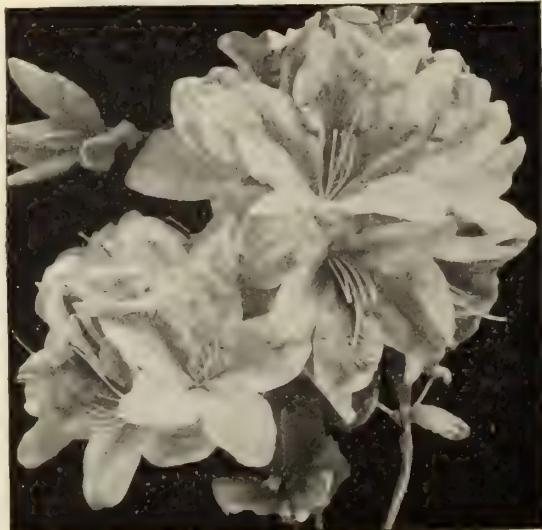
— **Mixed** in a splendid range of colors. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

— **Yodogama**. This charming species is a perfect gem. It grows about 3 feet high, and in May is literally covered with semi-double lavender-pink flowers, a shade at once distinct from all others and very pleasing. Strong plants, \$1.00 each; \$10.00 per doz.

Baccharis Halimifolia (*Groundsell Tree*). A pretty, tall Shrub, which is especially attractive in the fall on account of its fluffy white seedpods. 25 cts. each; \$2.50 per doz.

Berberis Thunbergii (*Japanese Burberry*). A beautiful variety with small foliage, assuming the most varied tints of coloring in the autumn, and attractive scarlet berries, which remain on the plant the greater part of the winter; very desirable for grouping, particularly around the base of a porch or verandah to hide the foundation; succeeds in sun or shade and is the best hedge plant we know. 25 cts. each; \$2.50 per doz. Plants for hedges offered on page 243.

— **Vulgaris Purpurea** (*Purple Barberry*). Of erect, tall growth, with fine purple foliage; the young shoots are red, and in May it bears small yellow flowers, followed in fall by bright red fruit. 25 cts. each; \$2.50 per doz.



AZALEA MOLLIS

Buddleia
Variabilis
Veitchianus



BUDDLEIA.

(Butterfly Shrub or Summer Lilac.)

The two varieties offered below are great improvements on the old *Buddleia variabilis*, and should be included in every collection of choice shrubs.

Variabilis Veitchianus. One of the most desirable summer flowering shrubs, beginning to bloom in July it continues until cut by severe frost. The flowers are of a pleasing shade of violet-mauve, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted, and is always admired. (See cut.) 25 cts. each; \$2.50 per doz.

Variabilis Magnifica. Similar to the above, with flower spikes not quite as large, but of a deeper violet-rose color. 50 cts. each; \$5.00 per doz.



CLETHRA ALNIFOLIA (Sweet Pepper Bush).

Buxus Sempervirens (Boxwood). The well-known Boxwood, now so popular for planting as individual specimens on the lawn, in vases and window boxes, and for the fine formal and decorative effects that can be produced by the many shapes into which this plant can be trimmed.

Pyramid-shaped Boxwood.

2½ feet high, 12 to 14 inches diameter at base	....	\$2 50	each.
3 " " 14 to 16 "	"	3 00	"
3½ " " 16 to 18 "	"	5 00	"
4 " " 18 to 20 "	"	6 00	"
5 " " 24 "	"	7.50 to 10 00	"

Bush-shaped Boxwood.

8 to 10 inches high, bushy,	40 cts. each	....	\$4 00	per doz.
12 " " 50 "	"	5 00	"	"
15 " " 75 "	"	7 50	"	"
18 " " \$1 00 "	"	10 00	"	"
24 " " 2 00 "	"	20 00	"	"

Boxwood Edging.

Bushy Plants, 4 to 6 inches high,	Per Doz.	Per 100.	Per 1000.
" " 50 "	\$1 00	\$6 00	\$50 00
" " 7 to 8 "	2 00	15 00	140 00
" " 8 to 10 "	4 00	30 00	
" " 10 to 12 "	5 00	40 00	

Calluna (Heather). Very pretty, small Shrubs, well adapted for borders of evergreens or for sunny, stony or sandy slopes and banks with moist surroundings. Cut branches keep their lifelike appearance for months.

— **Vulgaris (Scotch Heather).** Racemes of dark, rose-pink flowers; July to September.

— **Alba.** The true "White Scotch Heather."

— **Elegantissima.** A handsome white sort, of pleasing and attractive habit. Any of the above, 50 cts. each. One each of the three sorts, \$1.25.

Calycanthus Floridus (Sweet or Strawberry Shrub). An old favorite, with double chocolate-colored strawberry-scented flowers. 25 cts. each.

Cercis Canadensis (Judas Tree, or Red Bud). A showy tall Shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. Plants, 4 feet high, 50 cts. each.

Chionanthus Virginica (White Fringe). A tall-growing native Shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe; hung gracefully among the foliage. 25 cts. each.

Clethra alnifolia (White Alder, or Sweet Pepper Bush). One of the best of our native dwarf Shrubs, bearing spikes of pure white, deliciously fragrant flowers during July and August. 25 cts. each.

Corchorus or Kerria Japonica fl. pl. (Globe-flower). A graceful Shrub, of medium height, with double yellow flowers from June to October. 25 cts. each.

Cornus Florida (White-flowering Dogwood). An ornamental, spreading, irregularly shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants 4 to 5 feet high, 75 cts. each.

— **Rubra (Red-flowering Dogwood).** A rare variety, the flowers of which are rich, rosy-red. The two varieties make a fine contrast. Plants, 3 to 4 feet high, \$1.00 each.

— **Alba Sibirica (Siberian Dogwood).** A strong-growing variety, crimson colored branches in winter. 25 cts. each.

— **Sanguinea (Red-twiggled Dogwood).** A strong-growing bush, with crimson-colored branches; especially attractive in winter. 25 cts. each.

— **Mascula (Cornelian Cherry).** A tree-like Shrub, producing early in spring, before the leaves appear, clusters of bright yellow flowers, which are followed by red edible berries. 25 cts. each.

— **Sericia (Silky Cornel).** A reddish-stemmed variety of strong growth, corymbs of white flowers late in June, followed by pretty blue berries in October. 25 cts. each.

Cotoneaster Horizontalis. A dwarf trailing evergreen Shrub which during autumn and winter is covered with brilliant red berries. Fine for rockeries or the edge of the border. 50 cts. each.

— **Panosum.** Grows about 3 feet high, with dark green foliage silvery on the under side, and bright red berries which remain on the plant the greater part of the winter. 50 cts. each.

— **Franchetti.** Of graceful habit, with long, arched branches, large light green leaves and attractive orange-yellow berries. 50 cts. each.



CORCHORUS

Crataegus Oxyacantha fl. pl. (*Double-flowering Hawthorn*). The double form of the fragrant English Hawthorn; flowers in May and June. We offer double red, pink and white. 50 cts. each.

— **Pyracantha Lalandi** (*Evergreen, or Fiery Thorn*). A most desirable variety, covered from early autumn and throughout the winter with brilliant orange-scarlet berries. 50 cts. each; \$5.00 per doz.

Cytisus Laburnum (*Golden Chain or Golden Rain*). A dwarf tree or large Shrub with shining green leaves and long, drooping racemes of yellow flowers which appear in early summer. 50 cts. each.

Daphne Cneorum (*Garland Flower*). A pretty dwarf, spreading Shrub, 6 to 8 inches high, especially suited for planting on rockeries, producing beautiful bright pink sweet-scented flowers early in May. Strong plants, 60 cts. each; \$6.00 per doz.

Desmodium Penduliflorum. A Shrub which dies to the ground in winter, but comes up vigorously in spring, throwing up shoots 3 to 4 feet high, which bear during September, when few Shrubs are in bloom, attractive sprays of bright rose-colored pea-shaped flowers. 25 cts. each.

Deutzias. Well-known profuse flowering Shrubs, blooming in spring or early summer. Succeed in any sunny position. The dwarf varieties are desirable for forcing under glass.

— **Candidissima plena**. A fine tall double white. 25 cts. each.

— **Crenata rosea plena** (*Double-flowering Deutzia*). Double white, tinged with pink; very desirable tall Shrub. 25 cts. each.

— **Gracilis**. A favorite dwarf bush, covered with spikes of pure white flowers in early summer. 25 cts. each.

— **Lemoinei**. Without doubt one of the very best dwarf hardy Shrubs; flowers very large and produced in cone-shaped heads of purest white, which open out very full. 25 cts. each.

— **Pride of Rochester**. Fine, tall growing double-white. 25 cts. each.

The Planting and Care of Shrubs.

The attention of our customers is directed to the cultural notes given on page 233.



DEUTZIA CRENATA ROSEA PLENA.

Dimorphanthus Mandschuricus Aurea-Variegata (*Golden Variegated Chinese Angelica Tree*). A magnificent hardy ornamental tree, and one of the most striking novelties of recent years, large pinnate foliage, three feet long and wide. The individual leaflets, which are about two inches wide, are beautifully margined with gold; very effective when planted as an individual specimen. Strong three-year-old plants, \$1.50 each.

— **Argentea variegata** (*Silver Variegated Chinese Angelica Tree*). Identical to the above, but with creamy white variegation, and making a fine contrast. Strong two-year-old plants, \$1.50 each.

Ekianthus Japonicus. An attractive Japanese Shrub, hardy as far north as Philadelphia; particularly attractive in the autumn, when its leaves turn a brilliant orange, more or less marked with red, its black fruit or berries at this time forming a strong contrast. In early spring it bears numerous umbels of pure white Andromeda-like flowers. \$1.00 each.

Eleagnus Longipes (*Japanese Oleaster*). A very desirable, nearly evergreen Shrub of medium height, with light foliage, which is silvered on the under surface. The abundant crop of orange-colored fruit is a very attractive feature during the summer. 25 cts. each.

Erica (*Heath*). Closely allied to Heather, requiring the same conditions.

— **Mediterranea hybrida**. A handsome variety, with dark red, nodding flowers very early in spring, useful also for forcing in pots.

— **Vagans Alba** (*Cornish Heath*). Of compact growth, with upright clusters of pink flowers.

— **Rubra**. Similar to above, but with rosy-red flowers.

— **Bruckenthalia Spiculifolia**. A Heath closely allied to the Erica family, with fine, needle-like leaves and light pink flower heads in June.

Price, any of the above, 50 cts. each; \$5.00 per doz. Set of 4 sorts, \$1.75.



DEUTZIA LEMOINEI.

Euonymus Europaeus (*Burning Bush*).

A very conspicuous tall Shrub, which in the autumn and winter is loaded with scarlet seed pods, from which orange-colored berries hang on slender threads. 25 cts. each.

— **Japonica.** Large, round, glossy green foliage; fine as an individual specimen. Specimens, 18 to 24 inches high, \$1.00 each.

— **aurea variegata.** A beautiful variety, with glossy, dark green foliage, bordered golden yellow. Specimens, 18 to 24 inches high, \$1.00 each.

Exochorda Grandiflora (*Pearl Bush*).

A medium-sized Shrub, bearing white flowers in slender racemes in early spring; very graceful; useful for cut flowers. 25 cts. each.

Forsythia Fortunei. Strong, erect habit, bright golden-yellow flowers in early spring. 25 cts. each.

— **Suspensa** (*Weeping Golden Bell*). A tall Shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early spring. 25 cts. each.

— **Viridissima.** Strong, erect habit; flowers yellow; very early. 25 cts. each.

Itea Virginica. One of the prettiest of our dwarf native Shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily. 25 cts. each.



LONICERA (Bush Honeysuckle).

Hydrangea Arborescens Grandiflora (*Snow-ball Hydrangea*). This magnificent, perfectly hardy American Shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Strong flowering plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

— **Paniculata Grandiflora.** Without doubt the best known and most popular summer-flowering Shrub in cultivation. The flowers, which are borne in dense pyramidal panicles a foot long in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks.

Fine bush plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Extra fine bush plants, 50 cts. each; \$5.00 per doz.; \$30.00 per 100. Standard or tree-shaped plants, which will make beautiful specimens for the lawn or garden, 75 cts. each.

Kalmia Latifolia (*Mountain Laurel, or Calico Bush*). Our native laurel, one of the most valuable evergreen Shrubs, bearing in May and June clusters of pinkish-white flowers of great beauty. Strong cultivated plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

Ligustrum Ibotra. A graceful hardy Privet from Japan, of spreading habit, bearing small, fragrant white flowers in June and July. 25 cts. each.

— **Regelianum.** A handsome Japanese Privet, with spreading branches and dark green foliage, contrasting well with the racemes of fragrant white flowers in summer; elegant and graceful as an isolated specimen. 25 cts. each.

— **Ovalifolium Aureum** (*Golden-leaved Privet*). A beautiful golden variegated form and very effective for associating with other dwarf shrubs. 25 cts. each.

Lilacs. See **Syringa**, page 241.

Loniceras (*Bush Honeysuckles*).

— **Grandiflora Rosea.** Rosy-red flowers striped with white in June. 25 cts. each.

— **Ledebouri.** A vigorous growing Shrub with red flowers in May. 25 cts. each.

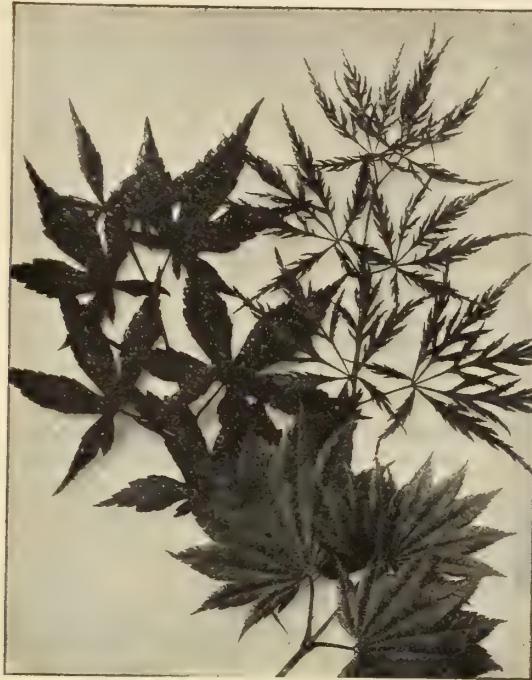
— **Morrowi.** A handsome Japanese variety with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 25 cts. each.

— **Tartarica** (*Tartarian Honeysuckle*). Pink flowers, contrasting beautifully with the foliage; blooms in June. 25 cts. each.

— **Virginalis alba.** A creamy-white colored variety of the above, flowering during May and June. 25 cts. each.



HYDRANGEA PANICULATA GRANDIFLORA.



JAPANESE MAPLES.

Magnolia Alba Superba. A very choice variety, bearing snow-white flowers in great abundance. Strong, bushy plants, \$8.00 each.

— **Conspicua** (*Chinese White Magnolia*). A highly prized species, large white flowers, which open about the middle of April. Fine bushy plants, about 3 feet high, \$3.50 each.

— **Grandiflora.** A magnificent species, with handsome evergreen foliage, producing in June immense white delightfully fragrant flowers. While there are several fine specimens of this tree in the vicinity of Philadelphia, it is not considered reliably hardy north of Washington. Pot-grown plants, 2 feet high, 50 cts. each; 4 feet high, \$1.00 each.

— **Kobus.** One of the hardiest species in cultivation. Forms a large tree with white flowers 4 to 5 inches across, blooming in April and May. Strong pot-grown plants, 24 to 30 inches high, 50 cts. each.

— **Macrophylla** (*Great-leaved Magnolia*). The leaves are of immense size, often 2 feet in length. The white flowers are also very large, frequently 10 or 12 inches in diameter; a superb species producing a tropical effect. Pot-grown plants, 50 cts. each.

— **Soulangeana.** A Chinese species which, while shrub-like in its young growth, attains the size of a tree in time; its flowers, which are produced early in spring, are cup-shaped, 3 to 5 inches in diameter, and are white inside, flushed with purple outside. Strong, heavy plants, \$2.00 each.

— **Lennei.** A variety of the above in which the outside petals are of a deep crimson. Strong, heavy plants, \$2.50 each.

— **Stellata.** A Japanese species, of dwarf habit and pure white, semi-double flowers during April. The earliest to bloom. Strong plants, \$2.00 each.

Japanese Maples. These are exceedingly beautiful, especially in spring, when they burst into leaf, and the colors of the foliage are deep and decided.

— **Japonicum Aureum.** Golden yellow.

— **Polymorphum Atropurpureum.** Purple-leaved variety, deeply cut.

— **Polymorphum Dissectum Atropurpureum.** A handsome variety; leaves a beautiful rose color when young; change to a deep and constant purple as they become older; deeply and delicately cut, giving them a fern-like appearance.

Price. Any of the above Japanese Maples in fine four-year-old pot-grown specimens, 18 to 24 inches high, \$1.25 each; two-year-old plants, 6 to 8 inches high, 50 cts. each.

Mahonia Aquifolia. A dwarf Shrub, with shiny green prickly foliage and clusters of yellow flowers in May, followed by bluish berries. 50 cts. each.

Osmanthus Ilicifolia. A compact, dense Shrub, with deep green, spiny-toothed, shining leaves; thrives best in a partially-shaded, protected position. \$1.00 each.

Philadelphus Conquete. Large single flowers in clusters of 3 to 5, completely covering the plant. 25 cts. each.

— **Coronarius** (*Garland Mock Orange*). This is the popular tall variety; very sweet and one of the first to flower. 25 cts. each.

— **Coronarius aurea** (*Golden-leaved Mock Orange*). Fine golden-yellow foliage, contrasting beautifully with the dark leaves of other Shrubs. 25 cts. each.

— **Grandiflorus.** A large white-flowered, robust grower. 25 cts. each.

— **Nivalis.** A splendid free-flowering single white. 25 cts. each.

— **Purpurea Maculata.** Large white flowers, with a rosy-crimson spot at the base of each petal. 25 cts. each.

Prunus Japonica fl. pl. (*Double-flowering Almond*). A beautiful dwarf Shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. 35 cts. each.

— **Pissardi** (*Purple-leaved Plum*). A dwarf Shrub, covered with single white flowers in spring. When they first appear the leaves are a lustrous crimson, changing to a rich purple. 35 cts. each.

— **Triloba** (*Double-flowering Plum*). An interesting Shrub, of medium height, bearing in early spring semi-double delicate pink flowers over an inch in diameter. 25 cts. each.

Pyrus Japonicus (*Japan Quince*). A very showy and popular Shrub, of medium height, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 25 cts. each.



PHILADELPHUS CORONARIUS.



RHUS TYPHINA LACINIATA.

RHODODENDRONS.

This grand genus, with their huge clusters of flowers in beautiful colorings, stand unequalled among hardy flowering Shrubs, and during the latter part of May or early June no flower is more gorgeous, while the bright evergreen foliage is attractive at all seasons. They require only a good garden soil, which should be dug at least 2 feet deep and well mixed with leaf mould or peat, and a somewhat sheltered situation, the north angle of a building, which the majority of other plants dislike, being one of their favorite locations. They delight in an ample supply of water during their growing season, but must have perfect drainage. During the summer a mulch of any loose light material is beneficial, and a protection of leaves or brush through the winter.

To allow the next season's flower buds to develop, the old flower heads should be carefully removed after they are faded. The varieties offered below are a selection of the most dependable and hardiest of the Catawbiensis type.

- Abraham Lincoln. Lively red.
- Album Elegans. A fine white.
- Amphion. Rosy-pink with light centre.
- Caractacus. Purplish-crimson.
- Catawbiensis Alba. Pretty blush.
- Grandiflora. Soft violet-mauve.
- Charles Dickens. Deep crimson.
- Charles S. Sargent. Rich crimson.
- Delicatissima. Blush-white.
- Everestianum. Light rosy-lilac.
- General Grant. Anoline-red.
- Henriette Sargent. Clear pink with yellowish green blotch on the upper petal.
- Ignatius Sargent. Light red.
- James Bateman. Rosy scarlet.
- Kettledrum. Red.
- Lady Grey Egerton. Delicate light mauve.
- Memor. Blush, tinted white.
- Mrs. C. S. Sargent. Soft rosy-pink.
- Roseum Elegans. Bright rosy lilac.
- Parson's Grandiflorum. Crimson-rose.

We can furnish any of the sorts in strong bushy plants, well set with buds, in the following sizes, varying according to habit of variety:

HEIGHT.	EACH.	DOZ.	100.
12 to 18 inches.....	\$1.00	\$10.00	\$75.00
15 to 24 inches.....	1.50	15.00	100.00
18 to 36 inches.....	2.50	25.00	200.00

Rhododendron Punctatum. A distinct species of compact, spreading habit; fine for planting in exposed situations, being very hardy; in June the plant is literally covered with clusters of purplish-rose flowers. \$1.00 each; \$10.00 per dozen.

Rhodoty whole Kerrioides (White Kerria). A very ornamental Japanese Shrub of medium size, with pretty foliage and large single white flowers the latter part of May. 25 cts. each.

Rhus Cotinus (Purple Fringe, or Smoke Tree). A low, shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 25 cts. each.

— **Typhina Laciniata (Cut-leaved Staghorn Sumac).** A large-growing, bold and effective Shrub, with delicate fern-like foliage and brilliant scarlet fruit in the autumn. 50 cts. each.

Sambucus Nigra Aurea (Golden Elder). Of strong growth and one of the best yellow foliage Shrubs; the color is remarkably bright, rich and constant, and makes a fine contrast in the shrubbery border. 25 cts. each.

— **Racemosus (Red-berried Elder).** A robust-growing Shrub, with white flowers in spring, followed by bright red berries in autumn. 25 cts. each.



HARDY RHODODENDRON.

Spiraea Anthony Waterer. A valuable variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. 25 cts. each.

— **Arguta Multiflora.** Produces in early May masses of pure white flowers. The plant is of dwarf, graceful habit. 25 cts. each.

— **Billardii.** Strong-growing, pink-flowered. 25 cts. each.

— **alba.** A white-flowered form of the above. 25 cts. each.

— **Callosa alba.** A very dwarf variety; white flowers nearly all summer. 25 cts. each.

— **Lindleyana.** Of vigorous growth, bearing large panicles of white flowers in July; foliage resembles Sumach. 25 cts. each.

— **Margaritæ.** A handsome free-flowering variety, with large, flat heads of soft pink flowers from June to October; grows from 3 to 4 feet high. 25 cts. each.

— **Opulifolia aurea** (*Virginian Guelder Rose*). An interesting variety of medium growth with golden-tinted foliage and large white flowers in June. 25 cts. each.

— **Prunifolia** (*Bridal Wreath*). A favorite variety and one of the best; it is a beautiful Shrub of medium size with double white flowers in May. 25 cts. each.

— **Reevesii fl. pl.** Of medium growth, with double white flowers in clusters in May. Very fine. 25 cts. each.

— **Thunbergii.** One of the most charming of all low-growing Shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 25 cts. each.

— **Van Houttei.** The grandest of all the white Spiræas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. (See cut.) 25 cts. each; \$2.50 per doz.



SYRINGA, OR LILAC, MME. CASIMIR PERIER.

Staphylea Colchica (*Bladder Nut*). One of the finest tall-growing early spring-flowering Shrubs, coming into bloom at the same time as Lilacs. Flowers very attractive, white and fragrant; disposed in clusters of good size. 35 cts. each.

Syphoricarpus Racemosus fructo alba (*Snowberry*). A well-known dwarf Shrub with small pink flowers and large white berries that hang on the plant the greater part of the winter. 25 cts. each.

— **Vulgaris** (*Red-fruited, or Indian Currant*). Similar to the above, but with bright red fruit. 25 cts. each.

Syringa or Lilac, Common Purple (*Syringa Vulgaris*). The old favorite common purple Lilac, and one of the best. 25 cts. each.

— **Common White** (*S. Vulgaris alba*). Flowers white, fragrant, beautiful. 25 cts. each.

— **Charles X.** A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish-purple. 50 cts. each.

— **Japonica.** An elegant Japanese species, eventually forming a good-sized tree, flowers creamy-white, produced in great panicles a month later than other sorts. 50 cts. each.

— **Mme. Casimir Perier.** The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. (See cut.) 50 cts. each.

— **President Grevy.** Magnificent panicles of large double blue flowers. 50 cts. each.



SPIRÆA VAN HOUTTEI.



VIBURNUM CARLESI.

Viburnum Carlesii. A recent introduction from Korea, producing its delicately spice scented flowers in May and June. The buds before expanding are of an attractive pink color and develop into Boudardia-like umbels of white flowers which last in fresh condition for a long time; entirely distinct and most desirable. \$1.00 each.

— **Opulus (High Bush Cranberry).** The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until very late in winter. 25 cts. each.

— **Opulus Sterilis (Snowball or Guelder Rose).** The popular white Snowball, filled with large pendant balls of white flowers in May. 25 cts. each.

— **Plicatum (Japan Snowball).** One of the choicest hardy Shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. 50 cts. each.

— **Rhytidophyllum.** A beautiful Chinese introduction, with almost evergreen foliage, which is from 8 to 9 inches in length by 2 to 2½ inches broad, of a dark green, much channelled, making it most valuable as an ornamental foliage subject; the vigorous growths are terminated by yellowish-white flowers, which give place in September to dark red berries. \$1.00 each.

Vitex Agnus Castus (Chaste Tree). A graceful Shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long, of lilac-colored flowers late in summer. 25 cts. each.

The Planting and Care of Shrubs.

The attention of our customers is called to the cultural notes on the above, which appear on page 233 of this catalogue.

Note.—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Freight or Express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines in Philadelphia.

Tamarix Africana (Tamarisk). Strong, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. 25 cts. each.

— **Hispida Æstivalis.** A distinct variety, with delicate, soft, pink sprays of flowers in July and August, a time when the shrubbery border is comparatively bare of flowers. 35 cts. each.

— **Indica (East Indian Tamarisk).** Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 25 cts. each.

Weigelia Amabilis. A beautiful and distinct pink. 25 cts. each.

— **Candida.** Fine pure white; flowers of large size. 25 cts. each.

— **Rosea.** Soft rosy carmine. 25 cts. each.

— **Rosea Nana Variegata.** Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. 25 cts. each.

— **Eva Rathke.** The finest Weigelia in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 25 cts. each.



VIBURNUM (Snowball).



WEIGELIA.

Choice Coniferous Evergreens.

The Coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. We offer below a select list of the hardiest sorts.

- **Abies Nordmanniana.** Plants, 3½ feet high, \$3.50 each.
- **Pinsapo Glauca (Spanish Fir).** Plants, 3 ft. high, \$2.00 each.
- **Veitchi (Veitch's Fir).** Plants, 3 feet high, \$2.00 each.
- Cryptomeria Japonica Lobbi Compacta (Dwarf Japan Cedar).** Plants, 2½ to 3 feet high, \$2.50 each.
- Juniperus Chinensis Argentea Variegata.** Plants, 3 feet high, \$2.00 each.
- **Japonica Aurea (Japanese Golden Cedar).** Plants, 2 feet high, \$2.00; plants, 3 feet high, \$2.50 each.
- **Pfitzerianus.** Plants, 2½ feet high, \$2.50 each.
- **Procumbens.** Plants, 2 feet in diameter, \$3.00 each.
- **Virginiana Elegantissima.** Plants, 2½ feet high, \$2.00 each.
- **Virginiana Glauca.** Plants, 2½ feet high, \$2.00 each.
- Picea Pungens Glauca Kosteri.** Plants, 1½ feet high, \$2.00 each; 2 feet high, \$3.00 each; 2½ feet high, \$5.00 each.
- **Alcockiana (Alcock's Spruce).** Plants, 2½ ft. high, \$2.00 each.
- **Omorika.** Plants, 2½ feet high, \$1.50 each.
- **Orientalis (Oriental Spruce).** Plants, 2½ feet high, \$2.00 each.

- Retinispora Filifera.** Plants, 3 feet high, \$3.00 each.
- **Filifera Aurea.** Plants, 2 feet high, \$2.50 each.
- **Obtusa Cripstii.** Plants, 3 feet high, \$2.50 each.
- **Pisifera Aurea.** Plants, 3 feet high, \$3.00 each.
- **Plumosa Aurea (Golden Japan Cypress).** Plants, 3 feet high, \$3.00 each.
- **Squarea Veitchi.** Plants, 2½ feet high, \$2.50 each.
- Sciadopitys Verticillata (Japanese Umbrella Pine).** Plants, 15 to 18 inches high, \$1.25 each.
- Taxus Cupidata Brevifolia (Japanese Yew).** Plants, 2 feet high, \$2.00 each.
- Thuya Occidentalis Rosenthali.** Plants, 2½ feet high, \$2.00 each.
- **Occidentalis Lutea (Geo. Peabody's Golden Arborvitæ).** Plants, 3 feet high, \$2.00 each.
- **Orientalis Aurea Nana (Dwarf Golden Chinese Arborvitæ).** Fine specimens, 15 to 18 inches high, \$1.00 each.
- Thuyopsis Standishi.** Plants, 3 feet high, \$2.00 each.



JUNIPERUS PFITZERIANUS.



CALIFORNIA PRIVET HEDGE.

Hedge Plants.

Althea (Rose of Sharon). Strong bushy 3-year-old plants, 24 to 30 inches high. Plant 15 to 18 inches apart. We can supply the varieties as described on page 233. \$15.00 per 100.

Berberis Thunbergii (Japan Barberry). Where a low, dwarf deciduous hedge is wanted nothing equals this beautiful Barberry. Requires but little pruning to keep it in shape. The leaves are small, light green and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Illustrated on page 234. Plant 12 to 15 inches apart.

Extra strong 3-year-old plants, 18 to 24 inches high, \$2.00 per doz.; \$15.00 per 100; \$120.00 per 1000.

Hydrangea Paniculata Grandiflora. This popular shrub makes an excellent hedge and is especially desirable as a dividing line between two properties. Plant 15 to 18 inches apart. Bushy plants, 2 to 2½ feet high, \$15.00 per 100.

Ligustrum Ovalifolium (California Privet). Of all hedge plants this is the most popular and more of it is planted than all others combined. It is of free growth and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Plant 1-year-old plants 8 inches apart, the 2-year-old plants 10 to 12 inches apart. Strong 1-year-old plants, 18 to 24 inches high, \$3.00 per 100; \$25.00 per 1000. Strong 2-year-old plants, 24 to 30 inches high, \$5.00 per 100; \$40.00 per 1000.

— **Ovalifolium Aureum (Golden-leaved Privet).** Strong 2-year-old plants, 12 to 15 inches high, \$8.00 per 100; \$70.00 per 1000. Strong 3-year-old plants, 18 to 20 inches high, \$15.00 per 100; \$140.00 per 1000.

— **Ibota (Hardy Japanese Privet).** Strong 2-year-old plants, 24 inches high, \$6.00 per 100; \$50.00 per 1000.

— **Ibota Regelianum.** A very hardy variety of spreading habit with gracefully curving branches. Where an informal, natural hedge is desired this variety is the most desirable. Strong 2-year-old plants, 24 inches high, \$6.00 per 100; \$50.00 per 1000.

Maclura Aurantiaca (Osage Orange). This is not desirable for private gardens but is still extensively used on farms; plant in double rows 9 inches apart.

Two-year-old plants, \$2.00 per 100; \$15.00 per 1000.

Pyrus Japonicus (Japan Quince). An excellent hedge plant with scarlet flowers. Plant 15 inches apart.

Four-year-old plants, 24 to 30 inches high, \$10.00 per 100.

Rosa Rugosa (Ramanas Rose of Japan). Both the red and white flowering forms of this beautiful Rose are popular hedge plants, their bright, glossy foliage, showy large single flowers, which are followed by bright red fruits or hips, making them particularly desirable plants for this purpose. Plant 18 to 24 inches apart. Strong 2-year-old plants, \$20.00 per 100.

Spiraea Van Houttei. An ideal flowering shrub to use as a dividing line between properties. Plant 18 to 24 inches apart. Strong 4-year-old plants, \$2.50 per doz.; \$15.00 per 100.

Select List of Hardy Climbing Plants.

All Plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

ACTINIDIA ARGUTA (The Silver Vine).

A desirable Japanese climber of strong vigorous growth, with dark green, shining foliage and greenish white flowers with purple centres, which are followed by clusters of edible fruit with fig-like flavor. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants, 50 cts. each; \$5.00 per doz.

AKEBIA QUINATA (Akebia Vine).

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

AMPELOPSIS ENGELMANNI.

A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light-green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 35 cts. each, \$3.50 per doz.; \$20.00 per 100.

AMPELOPSIS QUINQUIFOLIA.

(Virginia Creeper, or American Ivy.)

This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



AKEBIA QUINATA.



AMPELOPSIS LOWII.



Tender Climbers, such as Cobaea, Passion Vine, Moonflowers, etc., are offered under the head of Garden and Greenhouse Plants.



AMPELOPSIS VEITCHII.

Amelopsis Lowii.

Since the introduction of the popular Ampelopsis Veitchii or Boston Ivy, over forty years ago, no other plant of a similar self-clinging habit has been introduced.

We have in the past five years distributed a large number of this splendid form, and have received many complimentary reports from customers who have had it a sufficient length of time to become established and show its character. While not quite as rapid in growth as Ampelopsis Veitchii, it possesses all

of its other good points, being perfectly hardy and clinging to the smoothest surface without support, to which must be added the much smaller, deeply cut foliage, which gives it a grace and elegance not possessed by any other vine.

In spring and summer the leaves are of a bright, fresh apple-green color, changing in the autumn to brilliant crimson and scarlet. (See cut.) Strong plants, 50 cts. each; \$5.00 per doz.

AMPELOPSIS VEITCHII (Boston Ivy, or Japan Ivy).

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. (See cut.) Extra strong two-year-old plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.



AMPELOPSIS TRICOLOR.

Ampelopsis Tricolor.

(Vitis heterophylla variegata.)

A beautiful and desirable climber, with fine dark green foliage, wonderfully variegated with white and pink; during the late summer and fall the plant is liberally covered with attractive small berries of a peculiar lustrous metallic peacock blue color; highly useful for trailing over rocks or for a low trellis. (See cut.) 25 cts. each; \$2.50 per doz.

APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, resembling in miniature the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. They grow to a height of 8 to 10 feet, and bloom profusely. Plant 2 to 3 bulbs near together to produce a mass of vines and flowers. 5 cts. each; 50 cts. per doz.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe Vine.)

A vigorous and rapid growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 50 cts. each; \$5.00 per doz.

BIGNONIA (Trumpet Vine).

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 50 cts. each; \$5.00 per doz.

Radicans. Dark red, orange throat, free blooming and very hardy. 25 cts. each; \$2.50 per doz.

Boussingaultia Baselloides.

(Madeira, or Mignonette Vine.)

An old-fashioned popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 5 cts. each; 50 cts. per doz.

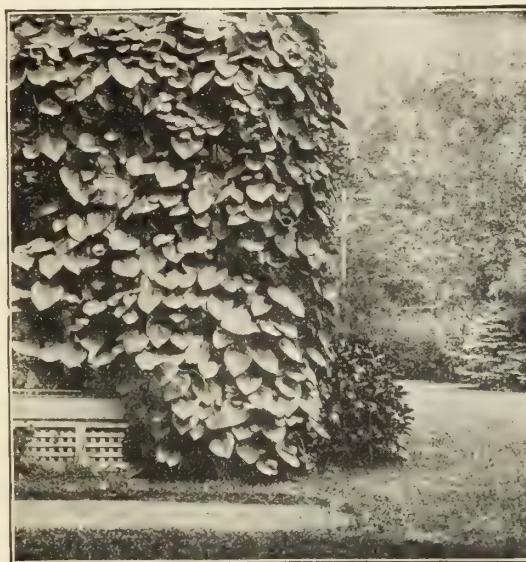
CELASTRUS SCANDENS.

(Bitter Sweet or Wax Work.)

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit, which usually remain on the plant throughout the winter. 25 cts. each; \$2.50 per doz.

CINNAMON VINE (Dioscorea Batatas).

A rapid growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, often running 25 to 40 feet; quite hardy. Good roots, 5 cts. each; 50 cts. per doz.



ARISTOLOCHIA SIPHO.

Clematis Integrifolia Durandi.

The most valuable of the large flowered blue Clematis, a vigorous, healthy grower not subject to disease. It is a cross between *C. integrifolia* and *C. Jackmani*, of semi-climbing habit, growing about 6 feet high and producing without intermission from June until late in fall showy indigo-blue flowers of great substance, 3 to $3\frac{1}{2}$ inches in diameter. 50 cts. each; \$5.00 per doz.



BIGNONIA, OR TRUMPET VINE.



CLEMATIS PANICULATA.

LARGE-FLOWERING HARDY CLEMATIS.

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil. They seem to do best in a position where they will not be exposed to the full sun during the hottest part of the day.

 We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

Anderson Henryi. Creamy white, large.

Boskoop Seedling (Sieboldi). Extra large lavender.

Duchess of Edinburgh. Double pure white.

Jackmani. The popular rich purple variety.

Mme. Baron Veillard. Light rose, with lilac shading.

Ville de Lyon. Bright carmine, the nearest to a red.

Price. Any of the above, 40 cts. each; \$4.00 per doz. One each of the 6 sorts, \$2.00.

VARIOUS HARDY CLEMATIS.

Clematis Montana Grandiflora. Of stronger growth than any other Clematis, and succeeds under the most adverse conditions, and is perfectly hardy. Its flowers, which resemble the Anemone or Windflower, are snow-white, $1\frac{1}{2}$ to 2 inches in diameter, and frequently begin to expand as early as the last week in April, continuing well through May, and are produced in such masses as to completely hide the plant. The best of the early spring-flowering climbers, of which there are but few. Extra strong 2-year-old plants, 50 cts. each; \$5.00 per doz.

Clematis Montana Rubens. The latest addition to our list of climbers, identical in every way with the white-flowered variety described above, except in color, which is of a pleasing shade of soft rosy-red, a most desirable and novel color; requires protection. Strong plants, \$1.00 each.

Clematis paniculata (Japanese Virgin's Bower). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers which appear in the greatest profusion in August and September, followed by silvery, feathery seed pods, which make an attractive appearance until mid-winter. The plant succeeds in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. (See cut.) Strong 2-year-old plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Clematis Coccinea. Handsome bell-shaped flowers of a bright coral-red color from June until frost. 25 cts. each; \$2.50 per doz.

Clematis Crispa. Bears an abundance of pretty bell-shaped, fragrant, lavender flowers, with white centre, from June until frost. 25 cts. each; \$2.50 per doz.

Clematis Virginiana (American White Clematis). A remarkably strong-growing variety, attaining a height of 20 feet, and producing a profusion of white flowers in August. 25 cts. each; \$2.50 per doz.

Clematis Integrifolia Durandi. This beautiful dark blue variety is offered on page 245.



LARGE-FLOWERING CLEMATIS.



EUONYMUS.

The trailing Euonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this, in very cold climates, taking the place of the English Ivy for wall covering, others that of the box-wood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as box-wood for an edging plant. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Radicans variegata. A beautiful small-leaved green and white variegated form of the same habit as the type. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Radicans Vegetus. A large-leaved form, splendid for covering high walls. An enthusiastic horticultural writer predicts that this plant will become as popular as a wall cover in America as the Ivy is in England. 25 cts. each; \$2.50 per doz.

Kewensis. A new variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground and is one of the most valuable plants for under trees where grass will not grow. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

HONEYSUCKLES.

Chinese Evergreen (Woodbine). Very fragrant, red, yellow and white variegated flowers; dark green foliage.

Coral or Scarlet Trumpet. Brilliant coral-red clusters of trumpet-shaped flowers throughout the summer and autumn. 50 cts. each; \$5.00 per doz.

Halleana (Hall's Monthly). Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely.

Variegated (Aurea Reticulata). Foliage beautifully mottled yellow and green; succeeds in any situation.

Price. Any of the above, except where noted, as follows: Strong plants in 4-inch pots, 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Heavy plants in 6-inch pots, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

HOP VINES (Humulus).

Green-leaved (Humulus lupulus). A useful climber for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Golden-leaved (Humulus lupulus aurea). Identical with the above, except in foliage, which is of a bright golden-yellow. 25 cts. each; \$2.50 per doz.

HARDY ENGLISH IVY.

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

HARDY JASMINES.

Favorite climbers for sheltered positions; hardy south of Philadelphia. With protection, will stand out as far north as New York.

Nudiflorum. Fragrant yellow flowers. 25 cts. each; \$2.50 per doz.

Officinale. Pure white, fragrant. 25 cts. each; \$2.50 per doz.

LATHYRUS (Hardy Everlasting Pea).

One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Latifolius. Deep rosy-red. 15 cts. each; \$1.50 per doz.
— Albus. Pure white.

— White Pearl. A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort. These are produced in really gigantic trusses, and are of the purest white and in bloom throughout the entire summer and early fall. Strong roots, 30 cts. each; \$3.00 per doz.

LYCIUM BARBARUM (Matromony Vine).

A very ornamental shrubby climber, which, on account of its ability to adapt itself to all conditions, has appropriately been called "the general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 25 cts. each; \$2.50 per doz.

LATHYRUS "WHITE PEARL."



HONEYSUCKLE.





VITIS.

Henryana. A recent introduction from China, with foliage similar to but not as large as the Virginia creeper, the leaves being of greater substance, and prettily variegated. The ground color is a deep velvety-green, the midrib and principal veins of silvery white. This variegation is most pronounced in the autumn, when the green ground color changes to red. 50 cts. each; \$5.00 per dozen.

Humulifolia (Turquoise-berry Vine). One of the most desirable very hardy climbers, with glossy dark green leaves which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with pea-like berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 25 cts. each; \$2.50 per dozen.

Megalophylla. A remarkable Chinese species, with very large dark green foliage, and bearing an abundance of attractive black fruit. 25 cts. each; \$2.50 per dozen.

Thomsonii. Another pretty species with deep green foliage tinted with purple-bronze and claret on the under side, changing to purplish-red in the autumn, of slender growth and suitable for a position where a strong-growing vine would be too vigorous. 50 cts. each.

WISTARIAS.

One of the best hardy climbers. When given a sunny situation and liberal manuring grows rapidly, and presents when in bloom a magnificent appearance.

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long of deep purple flowers.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

— **Alba.** Of similar habit to *Sinensis*, with pure white flowers.

Price, any of the above, strong plants, 50 cts. each.



PUERARIA (KUDZU VINE).

POLYGONUM AUBERTI.

A splendid climber, producing great foamy sprays of white flowers at the extremities of the branches during the late summer and autumn; a two- or three-year-old established plant when in flower is a pleasing sight. 75 cts. each.

Pueraria Thunbergiana.

(Kudzu Vine.)

The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large, and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; \$2.50 per dozen.

Schizophragma Hydrangeoides.

(Climbing Hydrangea.)

Although introduced from Japan in 1879, this grand climber is still rare. It is one of the most interesting of our hardy climbers. Its flowers, which are borne in large trusses, are similar to a white Hydrangea, and when in flower, during July and August, makes a handsome display. One of the best flowering vines for planting against a tree or wall, as it clings naturally to any rough surface. (See cut.) Strong plants, \$1.00 each.

HARDY CLIMBING ROSES.

We offer with other Roses on pages 166 to 185 a splendid assortment of the best of the newer as well as the old standard climbing sorts, all in strong two-year-old plants.



VITIS HENRYANA.



SCHIZOPHRAGMA HYDRANGEOIDES.

Dreer's Select List of Small Fruits.

All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward small plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

BLACKBERRIES.

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

Erie, Kittatinny, Rathbun, Snyder.
Price: 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

CURRENTS.

Currents do well in partial shade, but require rich soil and good culture. The following are the very best sorts, and are supplied in strong two-year-old plants.

Cherry. Deep red.

Fay's Prolific. Color, rich red; a leading variety for home use.

Lee's Black Prolific. The favorite sort for preserving.

Perfection. A comparatively new red variety, superior to all other sorts, combining size, color, high quality and productiveness in a superlative degree; has been awarded two gold medals. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

White Grape. Best white variety.

Wilder. A grand red variety; fruit large; of fine flavor and a great yielder.

Price: Any of the above (except where noted), 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

FRENCH PRESERVING CURRENT "BAR-LE-DUC."

Anyone fond of currant jam will appreciate this variety, if only for the reason that the fruit is almost seedless, besides which it has a flavor not approached by any other sort. For a number of years the entire stock was under the control of a French company manufacturing the jam known as Confiture de Bar-le-Duc, which readily sold at double the price of other jams. Strong two-year-old plants, 25 cts. each; \$2.50 per doz.



RATHBUN BLACKBERRIES.

GOOSEBERRIES.

Gooseberries demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of summer will largely prevent mildew. We offer strong two-year-old plants.

Industry. Of English origin; succeeds admirably and is a great favorite in this country, bearing immense crops of large, reddish berries.

Red Jacket. An American sort, possessing all the good qualities of the English type, and notwithstanding our severe climatic conditions. A wonderful cropper, with clean, healthy foliage.

The Pearl. Fruit of large size; color pale green and of excellent quality, either as a dessert fruit or for cooking.

Price: Any of the above, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

RASPBERRIES.

Raspberries succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered; this will give more vigor to the young canes for next year's bearing.

Columbian. Large, dark red, strong, robust and productive.

Cumberland. A black cap of exceptionally large size; of extra fine quality.

Cuthbert. Large, deep, rich crimson.

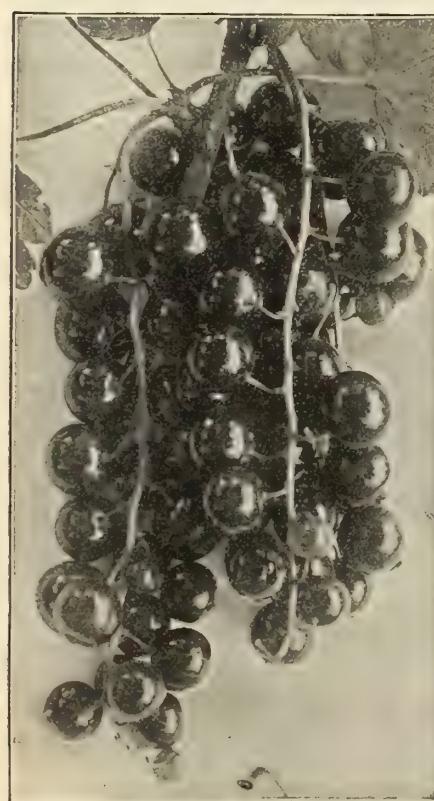
Kansas. One of the best and largest black caps.

Marlboro'. Bright crimson.

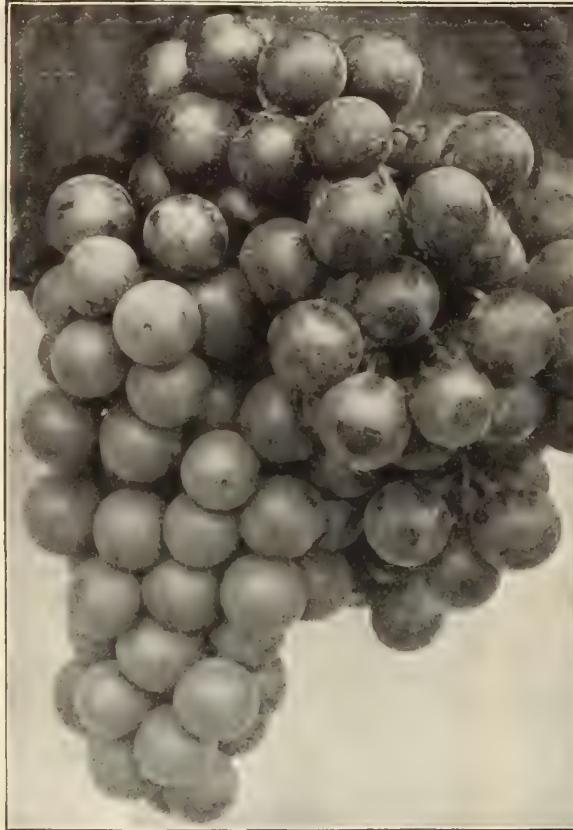
Price: Any of the above, 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

NEW EVERBEARING RASPBERRY, RED RANERE.

This is not only the earliest red raspberry but it is a perpetual fruiting variety. Its main crop is greater than any other and continues to bear fruit on the old canes until late in August, at about which time the berries begin to ripen on the young canes of the current year's growth, which continue to bear fruits in increasing number until late in Fall. The berries are bright crimson, of good size, excellent quality, of a rich sugary, full raspberry flavor. 10 cts. each; 60 cts. per doz.; \$4.00 per 100; \$30.00 per 1000.



PERFECTION RED CURRENT.



HARDY GRAPES.

Marshall. (*Early, Perfect.*) So well known as one of the finest and earliest berries grown, that it is almost useless to describe it. There is no other in the market to compare with it in its season.

Wildwood. (*Extra Early, Perfect.*) A berry that will delight every amateur with fruit of large size, and has the aroma and flavor of the wild Strawberry. We cannot recommend this berry too highly for home use.

Price: Any of the above varieties in strong layer plants, 25 cts. per doz.; \$1.00 per 100; \$6.00 per 1000.

Or, we will supply collections as follows:

6 plants each of the 6 varieties, 36 in all, for	\$ 60
12 " " " 6 " 72 " " 1 00	
25 " " " 6 " 150 " " 1 50	

STRAWBERRIES, CHOICE STANDARD AND NEW VARIETIES

	Per Doz.	Per 100	Per 1000
Barrymore. Mid-season, perfect	25 cts.	\$1.50	\$10.00
Bubach. Mid-season, pistilate	25 "	1.00	6.00
Climax. Early, perfect	25 "	1.50	10.00
Clyde. Early to mid-season, perfect	25 "	1.00	6.00
Early Ozark. Early, perfect	25 "	1.50	10.00
Glen Mary. Mid-season, perfect	25 "	1.00	6.00
Heritage. Very late, perfect	25 "	1.00	6.00
Nick Ohmer. Mid-season, perfect	25 "	1.00	6.00
Rewastico. (<i>New.</i>) Late, perfect	40 "	2.00	15.00
Sharpless. Mid-season, perfect	25 "	1.00	6.00
Warren. (<i>New.</i>) Mid-season, perfect	40 "	2.00	15.00
William Belt. Mid-season, perfect	25 "	1.00	6.00

Note.—Layer Strawberries offered above cannot as rule be supplied after May 1st; the earlier in the season they are planted the better the results. Our Mid-Summer Catalogue, issued early in July, offers pot-grown plants for summer planting.

Select Dozen Hardy Grapes.

Agawam. (*Rogers' No. 15.*) Large, dark red, sweet.
Brighton. A fine red sort; resembles Catawba, with richness of the Delaware.

Campbell's Early. An improved Concord; very early.
Catawba. Red; sweet and rich, with pleasant musky flavor.
Concord. The most popular black grape; succeeds everywhere.

Delaware. Light red, sweet, sprightly; fine flavor.
Lindley. (*Rodger's No. 9.*) Large red, good quality.
Moore's Diamond. Delicate, greenish-white, with rich yellow tinge. Prolific, early and hardy; of fine quality.
Moore's Early. Large, black; good quality.
Niagara. Berries large, light greenish-white, slightly ambered.
Pocklington. Bunch and berry large, golden-yellow.
Worden. Black, hardy, healthy; of fine quality.
Price: Strong selected two-year-old vines, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DREER'S COLLECTION OF SIX LUSCIOUS STRAWBERRIES

Notwithstanding the care we take in keeping our list down so as to include only varieties of sterling merit, the amateur finds difficulty in making a selection that will produce a bountiful supply of the finest fruit from the beginning to the end of the season. It is for such that we offer this collection of six varieties; all sorts which adapt themselves to the most varied conditions of soil and climate, and which in our judgment combine in the highest degree all the qualities looked for in high grade berries.

Brandywine. (*Mid-season, Perfect.*) Extra large fruit of a rich red color and delicious flavor; a high grade berry in which we have been unable to discover any defect.

Chesapeake. (*Late, Perfect.*) This variety has made a great record for itself over the whole country. It does not set an immense quantity of fruit, but every blossom makes a well developed and strictly fancy berry of good color.

First Quality. (*Mid-season to Late, Perfect.*) The uniformly large size and remarkably large crop of berries of most pleasing flavor produced by this variety make it a universal favorite.

Gandy's Prize. (*Late, Perfect.*) This is the standard late variety which has held its own for many years, and by which every new late sort is judged. It requires a rich soil for its perfect development, and where this is supplied no better berry could be wished for.



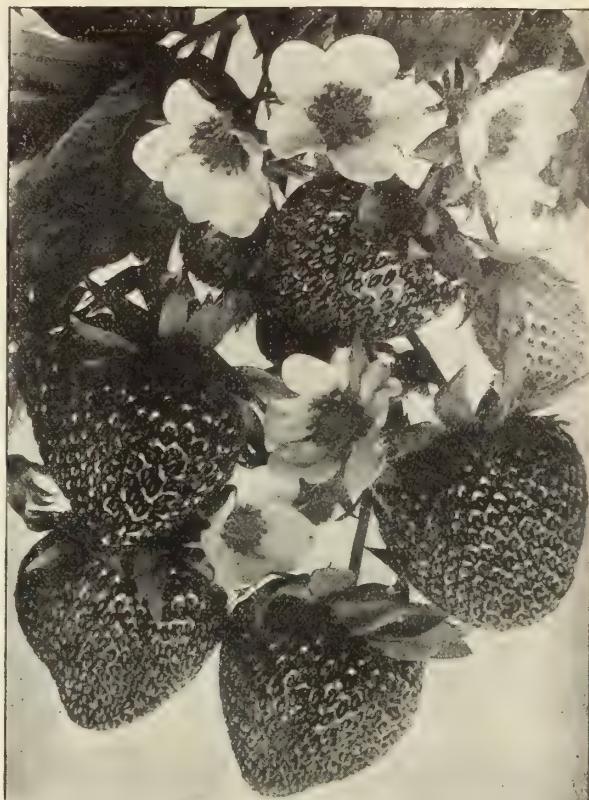
The Two Best Autumn Fruiting Strawberries.

Fall Bearing Strawberries of European origin have frequently been offered, and while we have seen good crops of fruit in specially favored localities during the late Summer and Fall months, none have been of value for general planting in our trying climate. The two varieties offered below are of American origin and have been grown in nearly all parts of the country with gratifying results; under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial and the plants should not be allowed to suffer for lack of water at any time.

Superb. The berries are very large, regular in shape, glossy and attractive; quality extra fine.

Progressive. This is the latest addition to the Fall-bearing type and the originator considers it the best of his introductions. Berries of good size, beautiful, luscious and prolific.

Price. The two autumn fruiting Strawberries described above will be supplied in pot-grown plants which will produce a crop of fruit this season at 75 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.



NEW AUTUMN FRUITING STRAWBERRIES.

Vegetable Plants and Roots.

We grow large quantities of Vegetable Plants and Roots, and For late Cabbage, Cauliflower, Brussels Sprouts and Celery Plants, see our Midsummer List, issued in June. Free on application.

Artichoke Plants, Dreer's Selected Large Green.

Ready for shipment after March 1st. \$1.50 per doz.; \$10.00 per 100.

Asparagus Roots. We offer strong two-year-old roots of the following varieties:

Argenteuil, Dreer's Eclipse, Barr's Mammoth, Columbian Mammoth White, Palmetto, and Conover's Colossal.

Any of the above Asparagus 20 cts. per doz.; 75 cts. per 100; \$6.00 per 1000.

Dreer's Cultural Notes on Asparagus free on application.

Cabbage Plants. Hot-bed plants for delivery April 15th to June 1st. Early Jersey Wakefield, Charleston Wakefield, Early Summer, 40 cts. per 100; \$3.00 per 1000.

Lettuce. Ready in April and May. All-Heart, Dutch Butter and Hanson. 40 cts. per 100.

Pennyroyal. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Peppermint. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Spearmint. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Peppers. Pot-grown plants ready in May and June. Bell or Bullnose. Long Red Cayenne. 30 cts. per doz.; \$2.00 per 100.

Rhubarb Roots, Champagne. Best extra early, very tender, fine flavor. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Rhubarb Roots, Victoria. Strong roots, 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

Rosemary. 15 cts. each; \$1.50 per doz.

Sage, Holt's Mammoth. 10 cts. each; \$1.00 per doz.

Savory, Winter. 25 cts. each; \$2.50 per doz.

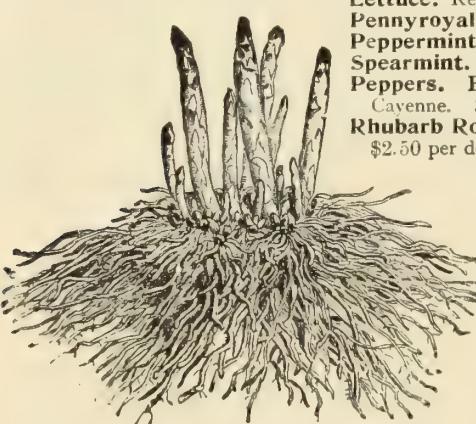
Sweet Potato Plants. Ready in May and June. Red and Yellow Nansemond. 40 cts. per 100; \$2.50 per 1000.

Tansy. 10 cts. each; \$1.00 per doz.

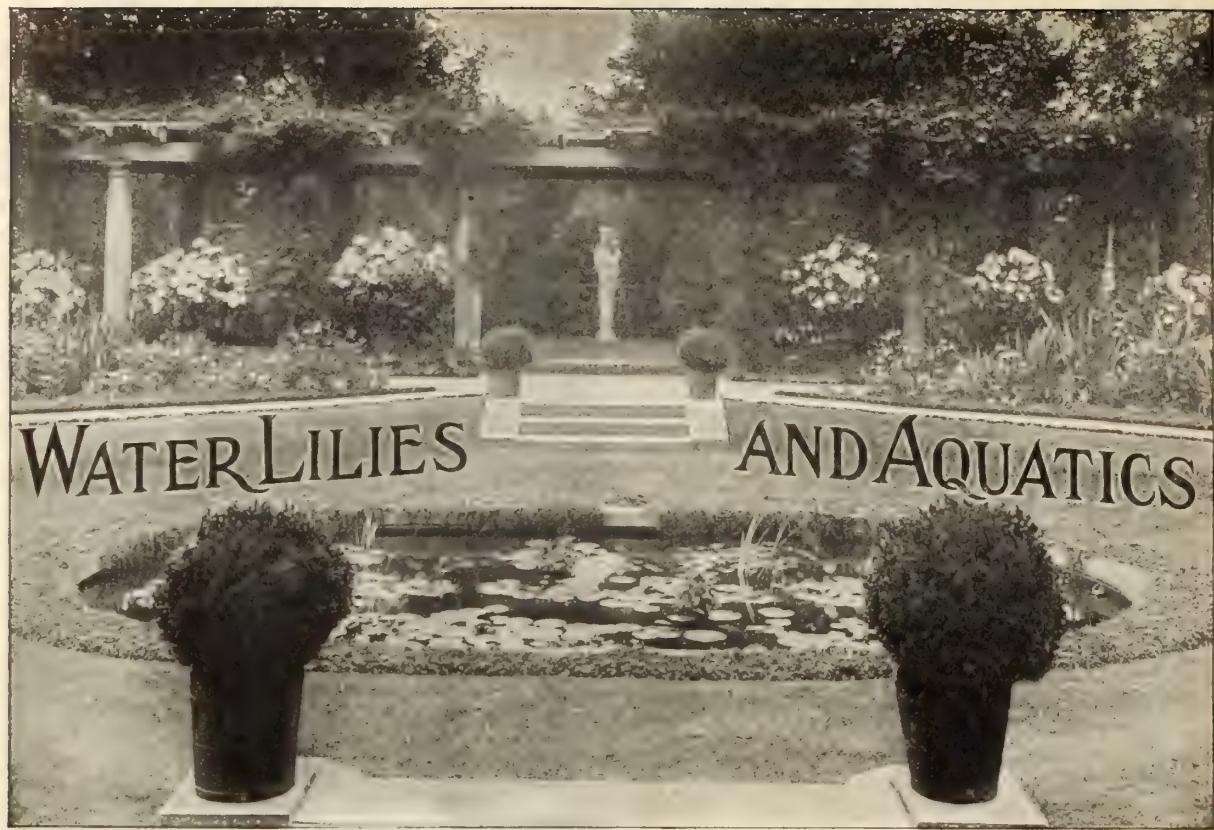
Tarragon (Estragon). 25 cts. each; \$2.50 per doz.

Thyme, Broad-leaved English. 10 cts. each; \$1.00 per doz.

Tomato Plants. We make a specialty of pot-grown Tomato Plants, and can supply through the season of planting (May and June) the following varieties: Early Detroit, Stone, Dwarf Stone, Ponderosa. 50 cts. per doz.; \$4.00 per 100.



ASPARAGUS ROOT.



WATER LILIES AND AQUATICS

ALL water, whether it be a lake, stream, pond, or even a small pool, seems to hold a certain charm for everyone, and, when this water is inhabited and beautified by aquatic plants and fish, it becomes fascinating, and when we consider the ease with which these plants can be grown, there is no reason why every natural lake, pond and stream having the proper conditions, which are sunshine, still, warm water, and plenty of rich soil, should not be so beautified. Where stagnant pools exist, it becomes a hygienic necessity to stock same with plants and fish, for, when properly balanced with plant and animal life, the water becomes, and will remain, pure and sweet, and in place of a mosquito and malaria-breeding pool we have a healthful and delightful aquatic garden.

A FEW CULTURAL HINTS ON WATER LILIES.

Our Water Lily Leaflet, giving complete cultural directions, sent on application.

The best soil for growing all aquatics is the rotted vegetable matter from ponds or swamps, mixed with one-third well-rotted manure, and the best substitute for same is good, heavy loam enriched with one-third well-decayed cow manure. All flowering aquatics should be planted so that they will be exposed to full sunlight.

In constructing artificial ponds a total depth of two feet is sufficient; one foot for soil and one foot for water.

For those who have not the advantage of natural ponds or large artificial basins, there are many varieties which can be grown successfully in half-barrels or any water-tight receptacle having a diameter of two feet or more, but the greater the surface space the better will be the results.

Many of the *Nymphaeas* and other aquatics, and all of the *Nelumbiums*, can be successfully grown in half-barrels. To do this, fill the tubs half full with aquatic soil, top-dressed with two inches of sand, allowing about six inches for water. Sink the tubs in the ground to within three inches of the top. When more than one tub is used a very ornamental effect can be produced by leaving a space between the tubs to be used as a miniature rock garden.

As all Water Lilies and more especially the tender varieties, prefer still, warm water, it is a mistake to have any fountain or other continuous inflow of water in connection with artificial ponds or tanks, and in natural ponds, when such are fed with a large inflow of cold spring water, Lilies will not be a success.

For artificial ponds and tanks it is best only to give enough fresh water to replace what is lost by evaporation, etc.

Hardy *Nymphaeas* can be planted at any time from April to September. The best results, however, will be obtained if the planting is done just as they start into growth, which in the vicinity of Philadelphia is about May 1st.

Tender *Nymphaeas* will grow and luxuriate under the same conditions as the Hardy *Nymphaeas*, but the more sheltered and warmer the location the better will be the results.

Tender *Nymphaeas* should not be planted until after the weather

has become warm and settled, or at about the same time that such tender plants as *Coleus*, etc., are planted in the border.

Hardy *Nymphaeas* and *Nelumbiums* need no care during the winter, provided the water is of sufficient depth so that it will not freeze to the crown of the plants. In cement tanks drain off all the water and fill in with leaves or cover with boards and leaves or litter. If grown in tubs or boxes the plants should receive a top-dressing of bone meal at the rate of one pound to each plant, just as growth starts in spring. It should be distributed evenly over the surface of the soil, and a little sand or fine soil spread over all to keep it from floating away. Lilies which are grown in beds of soil or in natural ponds will be much benefited by an application in spring of Dried Blood manure, broadcasted on the surface of the water at the rate of one pound to every ten square feet of surface. Tender *Nymphaeas* require to be wintered in tubs or tanks in a greenhouse where a temperature of 60° is maintained. As strong plants are quite troublesome to winter, even under favorable conditions, we advise to leave them out and get new plants each season.

Nelumbiums are supplied in tubers, and should not be planted before May 1st. The treatment is the same as recommended for hardy *Nymphaeas*, excepting that they do best when planted in mud or soil that is at least two feet deep and covered only with six inches of water.

All tanks, ponds or lakes should have submerged plants growing in them to aerify the water, thereby keeping it pure and sweet. The best plants for this purpose are *Anacharis canadensis gigantea*, *Cabomba viridis*, *Sagittaria natans* and *Vallisneria spiralis*. These can be planted in water from six inches to two feet deep.

Fish should be in all ponds, from the smallest tub to the largest lake, as they will destroy all mosquito larvæ and other insects. In lily ponds gold fish are preferable, being both useful and ornamental. A tub should have two fish in it, and twenty-five fish will be sufficient to stock a pond one hundred feet in diameter.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order for postage to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

NELUMBIUMS.

No flowering plants, aquatic or others, are more worthy of cultivation than the Nelumbiums, and none can be cultivated more easily. If they never bloomed, their foliage alone would be enough to win the admiration of everyone. Their enormous leaves, of tender bluish green, held aloft on tall, flexible stalks, sway and wave in the slightest wind. But when this is crowned with a wealth of beautiful flowers, gigantic in size, exquisitely tinted, perfect in form, and with a perfume strong, yet delicate, it is easily understood why they hold the foremost place among aquatics.

Their culture is quite simple, requiring the same treatment as other hardy Water Lilies. See opposite page.

Some varieties are slow in growth after transplanting, and it may be the second year before they flower; but the second and third seasons generally repay for any extra care or patience expended. All Nelumbiums are suitable for tub culture.

NOTE.—*Nelumbiums can only be supplied in dormant tubers from May 1st to June 15th, after which date only such varieties as we can furnish in pots should be planted.*

Album Grandiflorum. (Syn. *A. floribunda*.)

A grand white variety, whose purity, fragrance, size, majestic foliage and hardiness stamp it as one of the best. Dormant tubers, \$2.00 each; pot plants, \$3.00 each.

Album Striatum. The flowers of this exquisite variety are pure white, the edge of the petals irregularly striped and tipped rosy carmine, with distinct magnolia fragrance. Strong, vigorous grower. Dormant tubers, \$2.50 each.

Kermesinum. A distinct and charming variety, bearing flowers resembling the Hermosa Rose in color; the earliest flowering variety, blooming end of June in this section. Dormant tubers, \$1.50 each; pot plants, \$2.50 each.

Kinshiren. Flowers white shaded pink; very free-flowering, coming into bloom early and continuing throughout the season. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Luteum. (American Lotus, Water Chinquapin.) A superb variety with yellow flowers; indigenous in the Western and Southern States. It has been introduced into the Eastern States, where, as a rule, it grows as freely as any native plant. Dormant tubers, \$1.00 each.

Osiris. A beautiful globular flower of a pure deep rose, very rich and pleasing; early and free-flowering. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.

Pekinensis rubrum. This is the best dark-colored variety in cultivation; the flowers are brilliant rosy carmine, 10 to 12 inches across, outer petals well reflexed, having the graceful form of *N. Speciosum*; foliage large and handsome; vigorous and free-flowering. Dormant tubers, \$3.00 each; pot plants, \$4.00 each.

Pekinensis rubrum plenum. Identical with the preceding, but with immense giant double peony-flowered blooms. Dormant tubers, \$5.00 each; pot plants, \$6.00 each.

Roseum. Flowers of a uniform deep rose-pink. Dormant tubers, \$2.00 each; pot plants, \$3.00 each.

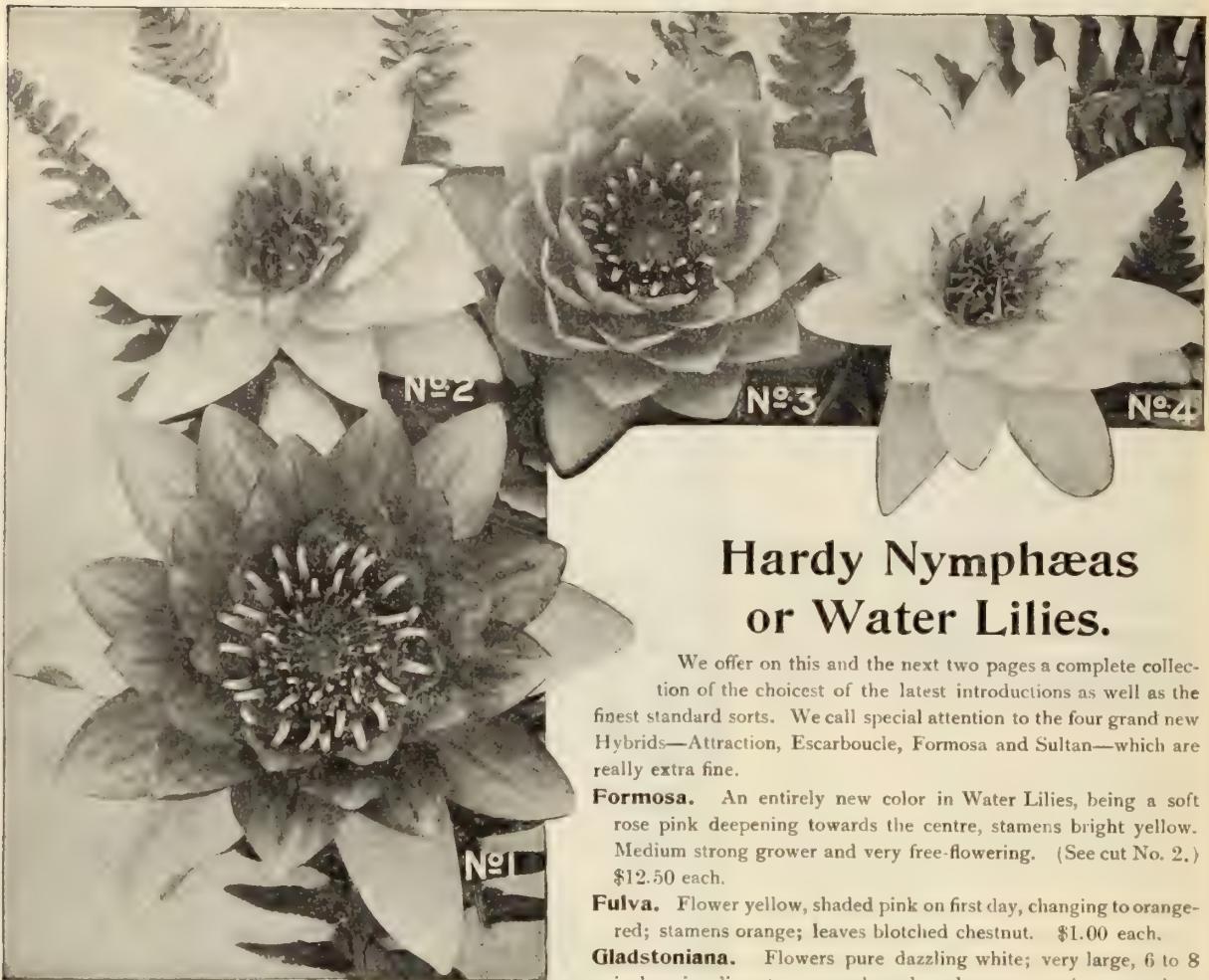
Roseum plenum. A magnificent variety, with large, full, double bright rose flowers. Dormant tubers, \$2.50 each; pot plants, \$3.50 each.



NELUMBIUMS.

Shiromani. This superb variety has enormous double snow-white flowers borne on stalks well above the foliage; a vigorous grower, free-flowering and equally as hardy as the well known *N. Speciosum*. Dormant tubers, \$3.00 each; pot plants, \$4.00 each.

Speciosum (Egyptian Lotus). The best known variety and the easiest to grow, desirable for naturalizing in ponds where the magnificent foliage and superb flowers produce a splendid sub-tropical effect. Flowers 8 to 12 inches across, of a deep rose color, creamy white at base of petals, exquisite for cutting. Dormant tubers, \$1.50 each; pot plants, \$2.50 each.



Hardy Nymphaeas or Water Lilies.

We offer on this and the next two pages a complete collection of the choicest of the latest introductions as well as the finest standard sorts. We call special attention to the four grand new Hybrids—Attraction, Escarboeule, Formosa and Sultan—which are really extra fine.

Formosa. An entirely new color in Water Lilies, being a soft rose pink deepening towards the centre, stamens bright yellow. Medium strong grower and very free-flowering. (See cut No. 2.) \$12.50 each.

Fulva. Flower yellow, shaded pink on first day, changing to orange-red; stamens orange; leaves blotched chestnut. \$1.00 each.

Gladstoniana. Flowers pure dazzling white; very large, 6 to 8 inches in diameter; cup-shaped and very massive; a robust grower, requiring plenty of space to develop. One of the best for large pools or lakes. 50 cts. each; \$5.00 per doz.

Gloriosa. A superb variety, flowers 4 to 6 inches across, of perfect form, petals concave; deep carmine-rose, becoming a very dark red late in the season; a very free and continuous bloomer. \$2.50 each.

Helen Fowler. A refined and improved Tuberosa Rosea, being a more profuse and continuous bloomer. Color delicate soft pink. Flowers slightly cup-shaped and very fragrant. 75 cts. each; \$7.50 per doz.

James Brydon. Beautiful cup-shaped flowers, 5 to 6 inches in diameter; in color a rich rosy crimson; reverse of petals having a silvery sheen. A strong, vigorous grower and free and continuous bloomer. No collection of Hardy Water Lilies is complete without this splendid variety. (See cut No. 3.) \$1.50 each.

Laydekeri purpurata. A most interesting variety of French origin; the flowers are of a rosy-crimson, darker in the centre, outer petals and sepals light rose, stamens reddish orange. \$1.50 each; \$15.00 per doz.

Laydekeri lilacea. Flowers soft rosy lilac, shaded bright carmine; very free-flowering. \$1.50 each; \$15.00 per doz.

Lucida. A free grower and a good bloomer. Flowers large, star-shaped, rosy vermilion, darker centre, stamens orange, leaves blotched reddish brown; a magnificent variety. \$1.50 each.

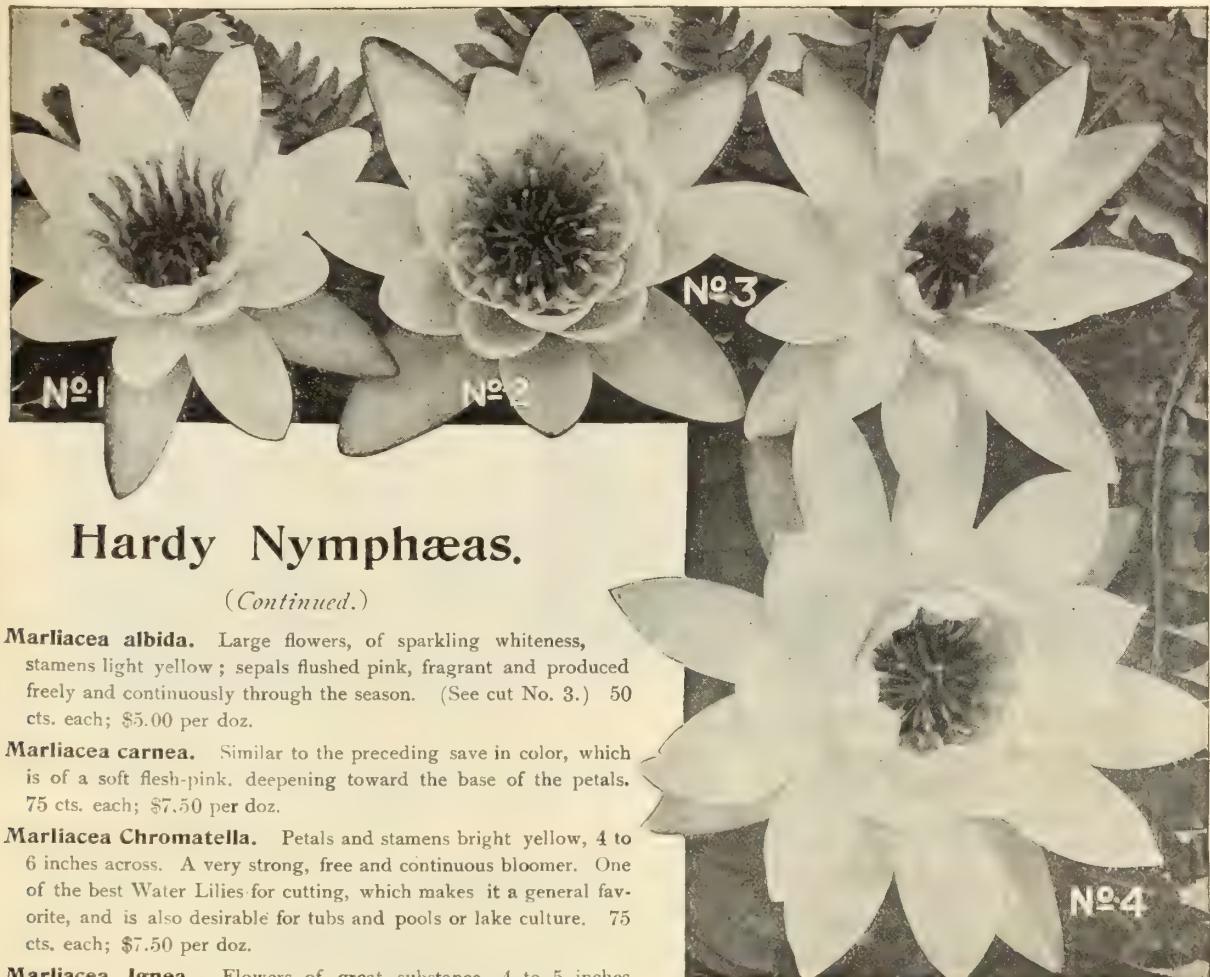
Alba. The well-known white European Water Lily. Strong flowering roots, 50 cts. each; \$5.00 per doz.

Alba candidissima. A very vigorous and desirable variety, much stronger than the type, requiring ample space; flowers large, pure white, sepals occasionally flushed with pink. An early and continuous bloomer. (See cut No. 4.) 75 cts. each; \$7.50 per doz.

Attraction. This novelty is the most valuable acquisition to hardy Water Lilies in recent years. The plant is of strong, vigorous growth, flowering freely and continuously from May until October. Flowers of largest size, 6 to 8 inches across, of a rich deep crimson, suffused with amaranth-red, shadings. Centre bright orange, sepals white. One of the most beautiful and distinct Water Lilies yet introduced. (See cut No. 1.) \$15.00 each.

Aurora. A unique variety, flowers soft rosy-yellow on first day, changing to deep red on the third day; stamens orange; useful for growing in tubs. 75 cts. each.

Escarboeule. In our trial pond, containing over thirty new and rare sorts, the intense color of this variety seemed to catch and hold the eye above all others. The flowers, which are produced very freely, are of good size, 4 to 6 inches across, and of a brilliant crimson-carmine with bright orange centre, the most brilliant hardy Water Lily yet introduced. \$15.00 each.



Hardy Nymphaeas.

(Continued.)

Marliacea albida. Large flowers, of sparkling whiteness, stamens light yellow; sepals flushed pink, fragrant and produced freely and continuously through the season. (See cut No. 3.) 50 cts. each; \$5.00 per doz.

Marliacea carnea. Similar to the preceding save in color, which is of a soft flesh-pink, deepening toward the base of the petals. 75 cts. each; \$7.50 per doz.

Marliacea Chromatella. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. One of the best Water Lilies for cutting, which makes it a general favorite, and is also desirable for tubs and pools or lake culture. 75 cts. each; \$7.50 per doz.

Marliacea Ignea. Flowers of great substance, 4 to 5 inches across; color deep carmine, stamens cardinal, leaves bronzy-red, changing to deep green with dark blotches. \$2.00 each.

Marliacea Rosea. A splendid companion to the yellow variety Chromatella, which it resembles in all particulars except color, flowers being a soft rose-pink. (See cut No. 2.) \$1.00 each; \$10.00 per doz.

Marliacea rubra-punctata. Flowers deep rosy-purple, spotted carmine, stamens orange-red. A very choice variety, and a free, continuous bloomer. \$2.00 each.

Mexicana or Flava. The pale yellow Water Lily of Florida. 50 cts. each; \$5.00 per doz.

Odorata. The native White Pond Lily of the northeastern United States. Very desirable for planting in quantity in natural ponds for effect and for cut flowers. All Water Lilies of this type are suitable for naturalizing. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Odorata Gigantea. The native White Lily of the southeastern United States. Flowers pure white, 5 to 7 inches across. A very strong, vigorous grower. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Odorata Minor. The miniature white Water Lily of the eastern United States. Very dainty and suitable for tubs and small pools. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Odorata Rosea. The Cape Cod Pink Pond Lily. Clear pink; very fragrant; flowers 5 to 6 inches across. 50 cts. each; \$5.00 per doz.

Odorata sulphurea. One of the very best hybrid Nymphaeas. The fragrant flowers are sulphur-yellow, 4 to 5 inches in diameter, and standing 3 to 4 inches out of the water. (See cut No. 1.) 25 cts. each; \$2.50 per doz.

Odorata sulphurea grandiflora. Very similar to the foregoing. Plants more vigorous. 75 cts. each; \$7.50 per doz.

Odorata W. B. Shaw. Undoubtedly one of the best hardy Water Lilies under cultivation and the finest pink of the odorata section, the color being a rich rose pink with clear yellow stamens. A variety that should be in every collection. (See cut No. 4.) 75 cts. each.

Pygmæa. The Japanese White Water Lily, bearing multitudes of miniature flowers one and a half to two and a half inches across. A little gem and suitable for growing in aquariums, tubs or shallow pools. 50 cts. each; \$5.00 per doz.

Pygmæa Helvolæ. A miniature yellow Water Lily, suitable for tubs, aquariums or marginal planting. A very free bloomer. 75 cts. each; \$7.50 per doz.



NYMPHÆA TUBEROSA RICHARDSONI.

HARDY NYMPHÆAS.

(Continued.)

Robinsoni. The large, floating flowers of this distinct and striking variety are difficult to describe, but may be said to have a ground color of yellow overlaid with purplish-red, the general effect being dark orange-red. \$1.00 each; \$10.00 per doz.

Sultana. Valuable owing to its extremely free-flowering habit, strong plants having seldom less than six flowers open daily. The flowers are of good size, solferino-red with white shadings and yellow stamens. \$12.50 each.

Tuberosa. A native white variety of very strong growth, flowers from 4 to 9 inches across, produced in moderate quantity. The various varieties of the Tuberosa are suitable for planting in deep water, and should have plenty of room to spread, and should not be planted with other varieties unless the roots are confined in tubs or boxes, otherwise they will crowd out the smaller growing varieties. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Tuberosa Maxima. A free-flowering variety of the above; flowers from 4 to 8 inches across; pure white and very fragrant. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Tuberosa Richardsoni. This variety should be included in every collection. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water, the sepals and outer petals drooping, forming a perfect globe. No variety in our Water Garden is admired by visitors more than this. The immense snowball-like flower, 8 inches in diameter, was declared to be the finest white Water Lily of all. (See cut.) 25 cts. each; \$2.50 per doz.

Tuberosa rosea. Flowers an exquisite shade of pink, standing above the water. A good, vigorous grower, of the easiest culture. 25 cts. each; \$2.50 per doz.

Wm. Doogue. A magnificent Lily of chaste and delicate coloring, flowers $5\frac{1}{2}$ to 6 inches in diameter, beautifully cup-shaped and of a pleasing shell-pink color, with royal pink sepals. A very symmetrical and distinct flower of great substance, with petals of an extraordinary width; of free growth and flowering continuously throughout the season. (See cut.) \$1.00 each.

Wm. Falconer. Flowers of an intense bright garnet color, with a good ruby tone through it, intensified by the rich golden centre. \$5.00 each.

New Hardy Nymphæas.

We call special attention to the four grand new varieties, Attraction, Escarboucle, Formosa and Sultan.

WATER LILY SEEDS.

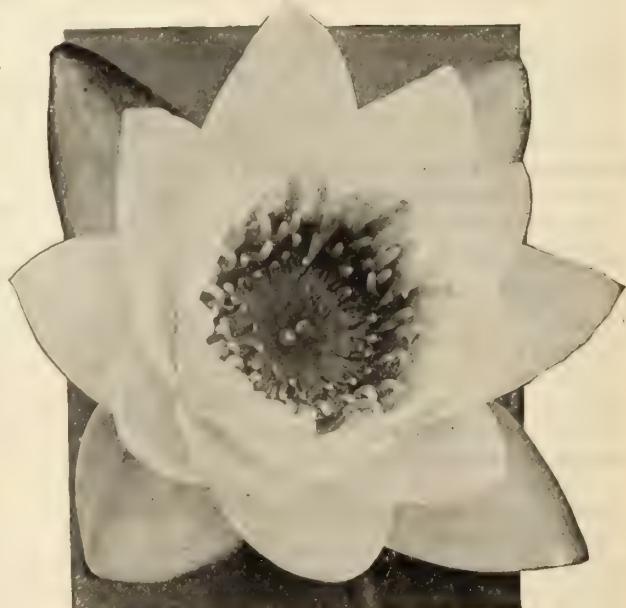
Hardy Nymphæas may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established.

Nelumbiums should have a small hole cut through the shell of each seed with a sharp knife.

Tender Nymphæas may be sown in spring in pots or pans, using any good potting soil; cover the seeds with one-fourth inch of sand, give a thorough watering, and allow to drain for an hour, then submerge in water as near 70° as possible. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots, and when well rooted repot into 4- or 5-inch pots, from which size they may be planted into their flowering quarters during May and June.

Order by name or number.

	PER PKT.
4531 <i>Nymphaea Zanzibariensis.</i> Purple.....	25
4532 — — <i>Azorea.</i> Blue	15
4533 — — <i>Rosea.</i> Rose	15
4534 — <i>Tender Varieties Mixed.</i>	15
4535 — <i>Hardy Varieties Mixed.</i>	15
4536 <i>Nelumbium Speciosum.</i>	15
4537 — <i>Mixed Sorts.</i>	15



NYMPHÆA WILLIAM DOOGUE.



TROPICAL OR TENDER WATER LILIES.

The Tender Water Lilies are supplied after May 1st in strong, growing pot-plants, and should not be planted out until after the weather has become settled and warm, generally about June 1st, in the latitude of Philadelphia. *Place your order for these plants early and we will reserve them until the proper planting season.* All of the tender varieties are most suitable for planting in artificial pools, and especially so in connection with formal gardens. They are also very desirable for cutting, more particularly the night-blooming varieties, which when cut open from three to five days in succession, and are very brilliant under artificial light. The entire list of Tender Water Lilies, when planted out under favorable conditions, commence to bloom about July 1st and continue without interruption until cut down by hard frost.

Day-blooming Tender Nymphaeas.

Capensis (Cape Blue Water Lily). Flowers rich sky-blue, 6 to 8 inches across. A very desirable species and useful for cutting. 75 cts each.

Coerulea (Blue Lotus of Egypt). Flowers three to six inches across, of a light blue color, suffused with white; yellow centre. 75 cts. each.

Gracilis. The only white flowering day-blooming tropical Water Lily. Flowers of medium size, six to eight inches across, produced freely on long stems, making it exceedingly valuable for cutting. \$1.50 each.

Grossherzog Ernst Ludwig. An extremely free-flowering variety, producing flowers of the largest size of a true violet blue with a golden yellow centre, forming a charming blue and gold combination. \$2.50 each.

Mrs. C. W. Ward. One of the very best of the day-blooming varieties. Deep rosy-pink flowers produced on long stems. A free and continuous bloomer. \$2.00 each.

Pennsylvania. A hybrid that originated in the botanical department of the University of Pennsylvania, and which is most aptly described as an improved *N. Pulcherrima*, flowers being larger in size and of a deeper, richer blue; otherwise it possesses all the many good points of that grand, free and continuous flowering Nymphaea. \$2.50 each.

Pulcherrima. This variety flowers continuously winter and summer, making it the best for furnishing blooms early and late in the season. Flowers large, ten to twelve inches across. Of a fine light blue with yellow centre. \$2.00 each.

Wm. Stone. No color in Water Lilies is more attractive than blue, and in this variety we have one of the most distinct and pleasing of this shade, the color being a rich violet-blue shaded amaranth; stamens purple with deep yellow centre. It stands well out of the water, and is of vigorous, spreading habit. The flowers open early in the day and remain open until late in the afternoon. \$2.00 each.

Zanzibariensis. A superb Water Lily, and the darkest blue or purple of the genus. Flowers six to ten inches in diameter; very free-flowering and exquisitely fragrant. \$1.50 each.

Zanzibariensis azurea. Similar to the type, but flowers opening wider and of a clear azure-blue color. 75 cts. each; \$7.50 per doz.

Zanzibariensis rosea. Flowers rose of various shades, otherwise like the type, but opening earlier in the morning. 75 cts. each; \$7.50 per doz.



Night-blooming Tender Nymphaeas.

Bissetti. Flowers of the largest size, 8 to 10 inches in diameter; cup-shaped; quite double and of a beautiful glowing shade of rosy pink. \$2.00 each.

Deaniana. Flowers pure light pink; sepals deep rose pink; stamens red. \$1.50 each.

Dentata. Flowers white, measuring from 8 to 12 inches in diameter, opening out horizontally. 75 cts. each; \$7.50 per doz.

Dentata Magnifica. Large cup-shaped creamy white flowers ten to twelve inches across. Very desirable. \$2.00 each.

Dentata Superba. The largest white Water Lily grown. Flowers of clear glistening white, ten to fourteen inches in diameter, opening out very flat. \$2.50 each.

Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance, a single plant often having from twelve to eighteen blooms open at one time, making a mass of color that is really astonishing. 75 cts. each; \$7.50 per doz.

Frank Trelease. The darkest colored of all tender Water Lilies. A glowing dark crimson. Foliage glossy dark red, making the whole plant very ornamental. \$1.50 each.

GEO. Huster. Brilliant crimson flowers, ten to twelve inches in diameter. Very free-flowering. \$2.00 each.

Jubilee. White, flushed pink at base of petals. \$1.50 each.

Kewensis. Medium size light pink flowers, produced in great abundance, making it a fit companion for Devoniensis. \$1.50 each.

O'Haraiana. Flowers large and massive. Color, pink, suffused with red, each petal having a nearly white stripe up the middle. Free-flowering and very desirable. \$1.00 each.

Rubra Rosea. One of the best and largest rosy red tender Water Lilies, producing with remarkable freedom massive flowers eight to ten inches across. 75 cts. each; \$7.50 per doz.

Sturtevanti. Color of flower varies according to culture from pure pink to bright red with orange centre. Quite double and very large. This variety produces the finest individual flowers of any, but requires a hot summer, or heated tank, with very liberal treatment to grow it to perfection. \$2.50 each.

Victorias, or Royal Water Lilies.

Victorias have long been grown in the public parks and gardens of the United States, and are now well known to all lovers of aquatics.

They should not be shipped until the weather becomes warm and settled, generally after June 10th. Place your orders for these plants **EARLY**, and we will reserve them for you until proper time to plant.

Victoria Regia. The well-known original species. Plants, \$7.50 and \$10.00 each, according to size. Seeds, 3 seeds for 75 cts.; \$3.00 per doz.

Victoria Trickeri. A remarkable variety of vigorous and rapid growth, leaves $4\frac{1}{2}$ to $5\frac{1}{2}$ feet across, a single plant frequently having from twelve to fifteen leaves in good condition, and producing three and four flowers in a single week during the height of the season. Flowers white on opening, changing to deep rose-pink, and having a strong fragrance not unlike that of a ripe pine-apple. Plants, \$7.50 and \$10.00 each, according to size. Seeds, 3 seeds for 75 cts.; \$3.00 per doz.

Miscellaneous Aquatics.

Varieties marked * are hardy.

***Acorus Japonica Variegata** (*Variegated Sweet Flag*). A beautiful variegated-leaved plant, useful for planting on margins or in bog gardens. 25 cts. each; \$2.50 per doz.

***Aponogeton Distachyon** (*Cape Pond Weed*). Flowers pure white with black stamens and sweet Hawthorn fragrance. If planted near springs where the water seldom freezes, but is always cool, this lovely aquatic will bloom the entire year, producing hundreds of flowers which are very choice for cutting. 25 cts. each; \$2.50 per doz.

***Caltha Palustris** (*Marsh Marigold*). Bright yellow flowers, produced early in spring. 15 cts. each; \$1.50 per doz.

***Caltha Palustris Fl. Pl.** Double golden-yellow flower; resembling a Double Begonia. 25 cts. each; \$2.50 per doz.

Cyperus Adenophorus. A species from Brazil, growing about 2 feet high and producing umbels of pretty whitish green flowers; very ornamental and suitable for pot culture and marginal planting. 25 cts. each; \$2.50 per doz.

Cyperus Alternifolius. An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 15 cts. and 25 cts. each; \$1.50 and \$2.50 per doz.

Cyperus Papyrus (*Papyrus Anti-quorum*). This is the true Egyptian Paper Plant. From the snow-white pith of its triangular stalks the first paper was made. They are 5 to 8 feet high and support at the top a tuft of long thread-like leaves, which give the plant a graceful and striking appearance. It grows finely in shallow water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than Cannas require to make them do well. 25 cts. each; extra size, 50 cts.; specimen plants in tubs, \$2.50 each.

Eichhornia Azurea. This species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender-blue, with a rich purple centre; petals delicately fringed. 25 cts. each; \$2.50 per doz.



EICHHORNIA (Water Hyacinth).



APONOGETON DISTACHYON.

Eichhornia Crassipes Major (*Water Hyacinth*). A very free-growing and showy floating aquatic, bearing flowers of a delicate lilac-rose in trusses like a Hyacinth. Does splendidly outdoors in summer. 15 cts. each; \$1.50 per doz.

Jussiaea Longifolia. A very attractive and desirable aquatic, growing 2 to 3 feet high, erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden-yellow, somewhat like an Evening Primrose. A good plant for tubs or planting on edge of pond. 25 cts. each; \$2.50 per doz.

Limnanthemum Indicum (*Water Snowflake*). A pretty floating plant; each petal of the dainty white flowers

resembles a miniature ostrich feather. 25 cts. each; \$2.50 per doz.

***Limnanthemum Nymphæoides** (*Villarsia*). A pretty hardy aquatic, with Nymphæa-like leaves and golden-yellow flowers, freely produced. 15 cts. each; \$1.50 per doz.

Limnocharis Humboldti (*The Water Poppy*). A pretty little aquatic, with floating leaves and yellow, poppy like flowers; makes a fine show in a tub or pond all summer. 15 cts. each; \$1.50 per doz.

Myriophyllum Proserpinacoides (*Parrot's Feather*). Long, trailing stems, clothed with whorls of the most exquisite foliage, as delicate as the Cypress Vine. 10 cts. each; \$1.00 per doz.

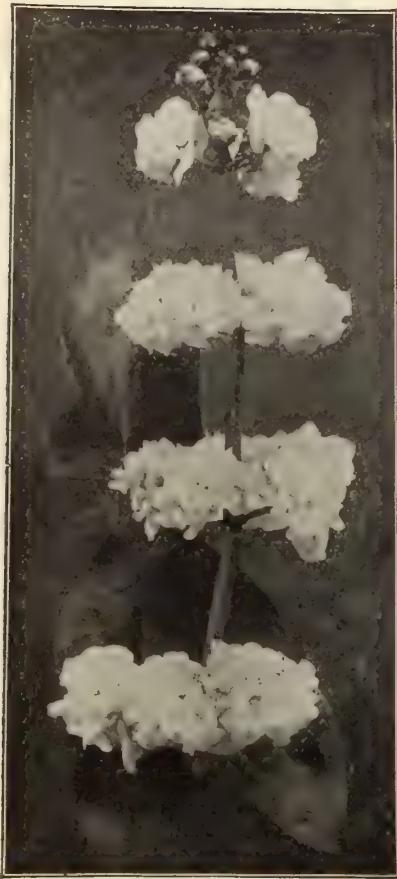
***Orontium Aquaticum.** Beautiful, velvety green leaves on the upper surface, and a bright silvery-white color on the back; flowers small, yellow. 15 cts. each; \$1.50 per doz.

Ouvirandra Fenestralis (*Lace-leaf or Lattice-leaf Plant*). The chief interest in this plant lies in the remarkable singularity of the leaves, which are of a dark, olive green color, merely a network of vascular tissue, resembling lace or a skeletonized leaf. Requires to be grown in a shady situation. \$2.50 each.

***Peltandra Virginica** (*Water Arum*). Leaves something like a Calla in outline, with greenish flowers, growing a foot or more out of the water. 15 cts. each; \$1.50 per doz.



LIMNOCHARIS HUMBOLDTI (Water Poppy).



SAGITTARIA JAPONICA FL. PL.

Miscellaneous Aquatics—Continued.

Varieties marked * are hardy.

Pistia Stratiotes (*Water Lettuce*). A floating aquatic; forms a rosette of light green velvety leaves. 15 cts. each; \$1.50 per doz.

***Pontederia Cordata** (*Pickerel Weed*). A free-flowering plant, growing about 2 feet high; spikes of closely-set blue flowers. 15 cts. each; \$1.50 per doz.

Sagittaria Montevidiensis (*Giant Arrowhead*). Attains gigantic proportions, growing 4 to 5 feet high; leaves 15 inches long; flowerscape towers above the foliage, bearing white flowers with dark blotch at base of each petal; suitable for margins or tub cultivation. 20 cts. each; \$2.00 per doz.

***Japonica Fl. Pl.** The double-flowering arrowhead; very desirable for planting in tubs or on margins of ponds and streams. 50 cts. each; \$5.00 per doz.

***Saururus Cernuus** (*Lizard's Tail*). A desirable plant for margins; 2 to 2½ feet high; leaves heart-shaped; fragrant white flowers. 20 cts. each; \$2.00 per doz.

Scirpus Tabernæmontana Zebrina. A very ornamental hardy rush, growing 3 to 4 feet high, producing leaves variegated, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 25 cts. each; \$2.50 per doz.

Trapa Natans (*Water Chestnut or Water Caltrops*). An aquatic annual, producing white flowers with purple claws, floating on the surface of the water. Ready May 15th. 25 cts. each; \$2.50 per doz.

***Typha Latifolia**. The well-known Cat Tail; very desirable for the water garden. 15 cts. each; \$1.50 per doz.

Vallisneria Spiralis (*Tape, Eel Grass or Wild Celery*). A submerged plant with ribbon-like leaves about 6 inches long; free-growing and desirable. Useful for planting as food for wild waterfowl. Ready May 15th. 15 cts. each; \$1.50 per doz.; \$8.00 per 100 bunches.

***Zizania Aquatica** (*Wild Rice*). This native aquatic annual is very ornamental; its graceful panicles of blooms are produced on stalks 5 to 10 feet high; a most important article of food for wild water fowl; should be grown in shallow water. 10 cts. each; 75 cts. per doz.; \$5.00 per 100.

Aquatic Plants for Aquariums.

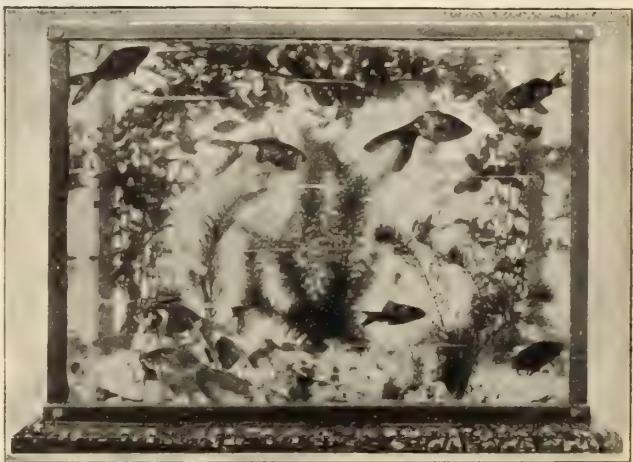
There is a rapidly growing taste for the culture of fancy fish and aquatic plants in Aquariums, and it is doubtful if anything is more fascinating to the young, as well as to the older members of the household, than to watch the development of animal and plant life in the aquaria. It is necessary to secure and maintain the proper balance between plant and animal life, as fish will not thrive unless enough plants are growing to furnish them with oxygen. To do this there should be not less than one plant to every two gallons of water. The ideal temperature is about 50 degrees, and a shady corner, or a window facing north, is best during the summer, and an east window during the winter. If the proper balance is maintained, it will not be necessary to change the water more than three or four times a year.

The list of plants offered below are the best known oxygenators.

Anacharis Canadensis Gigantea (*Giant Water Weed*). A beautiful submerged plant with dark green ovate leaves and light stems; of quick growth. The best oxygenator and a splendid Aquarium plant. 15 cts. each; \$1.50 per doz.

Cabomba Viridifolia (*Washington Grass*). A pretty and popular submerged plant; leaves brilliant, glossy green, fan-shaped, regularly cut and more beautiful than the most delicate fern. 10 cts. per bunch; \$1.00 per doz.

Ludwigia Muleritii. One of the prettiest of the submerged plants. The small, ovate leaves, green above and pink on the under side, are very attractive and entirely distinct from all other Aquarium plants. 25 cts. each; \$2.50 per doz.



Sagittaria Natans. This plant is indispensable for the Aquarium; its long strap-like green leaves resemble the well-known *Vallisneria*. 15 cts. each; \$1.50 per doz.

Sagittaria Sinensis (*Giant Sagittaria*). Leaves dark green; broader and stronger than *S. Natans*, and a freer grower; the best form for the Aquarium. 15 cts. each; \$1.50 per doz.

Salvinia Brasiliensis. This pretty little floating aquatic is suitable for all aquaria. The leaves are a soft green, covered with a delicate hairy surface. 15 cts. per bunch; \$1.50 per doz.

Vallisneria Spiralis Italian Type (*Eel Grass*). A submerged plant with long ribbon-like leaves. This is the best of the *Vallisnerias*, a free grower, and a good oxygenator. 25 cts. each; \$2.50 per doz.

TOOL, IMPLEMENT AND SUPPLY DEPARTMENT



THE DREER LAWN MOWER

The "Dreer" Lawn Mower has no superior, and is now extensively used on private and public grounds. The High Wheel is easiest running, has ten-inch drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although the four blade does excellent work. The Low Wheel is built on the same plan, but with four blades only. Grass Catchers can be supplied for both machines when ordered.

The Dreer Lawn Mower is Guaranteed. We can furnish all repairs at short notice.

"DREER" HIGH-WHEEL MOWER.

	With 4 Blades.	With 5 Blades.
15-inch cut	\$10 75	\$11 75
17 " "	11 75	12 75
19 " "	12 75	13 75
21 " "	13 75	14 75

PENNSYLVANIA "GRAND" HORSE LAWN MOWER.

This machine, in addition to the good qualities of the well-known Pennsylvania Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride. 30-inch cut, 4 blades, \$65 00; 6 blades, \$73 00
38 " " " 85 00; 6 " .. 93 00

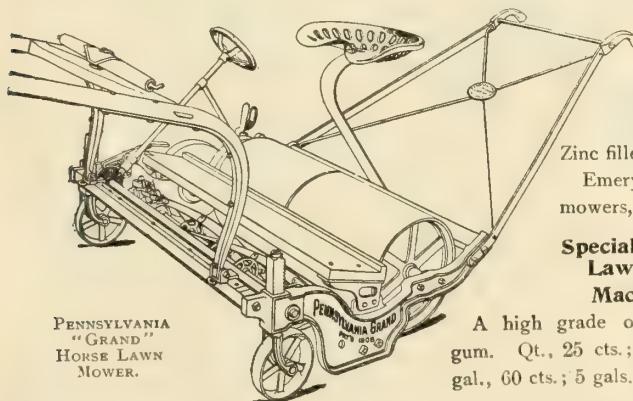
With shafts, seat and footboard, as illustrated below, add \$12.00 to the 30-inch and \$15.00 to the 38-inch size.

PENNSYLVANIA HORSE LAWN MOWER.

30-inch cut, 4 blades, \$60 00; 6 blades, \$68 00
38 " " " 78 00; 6 " .. 86 00
Shafts, Seat and Footboard for either size, extra. 12 00
25-inch Pony Mower, 4 blades, \$30 00; 6 blades .. 36 00

PHILADELPHIA HORSE LAWN MOWER.

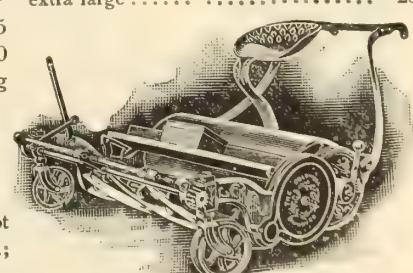
30-inch cut, with draft iron and handles. \$62 50
35 " " " " " " " 72 50



PENNSYLVANIA
"GRAND"
HORSE LAWN
MOWER.

Special Motor and Lawn Mower Machine Oil.

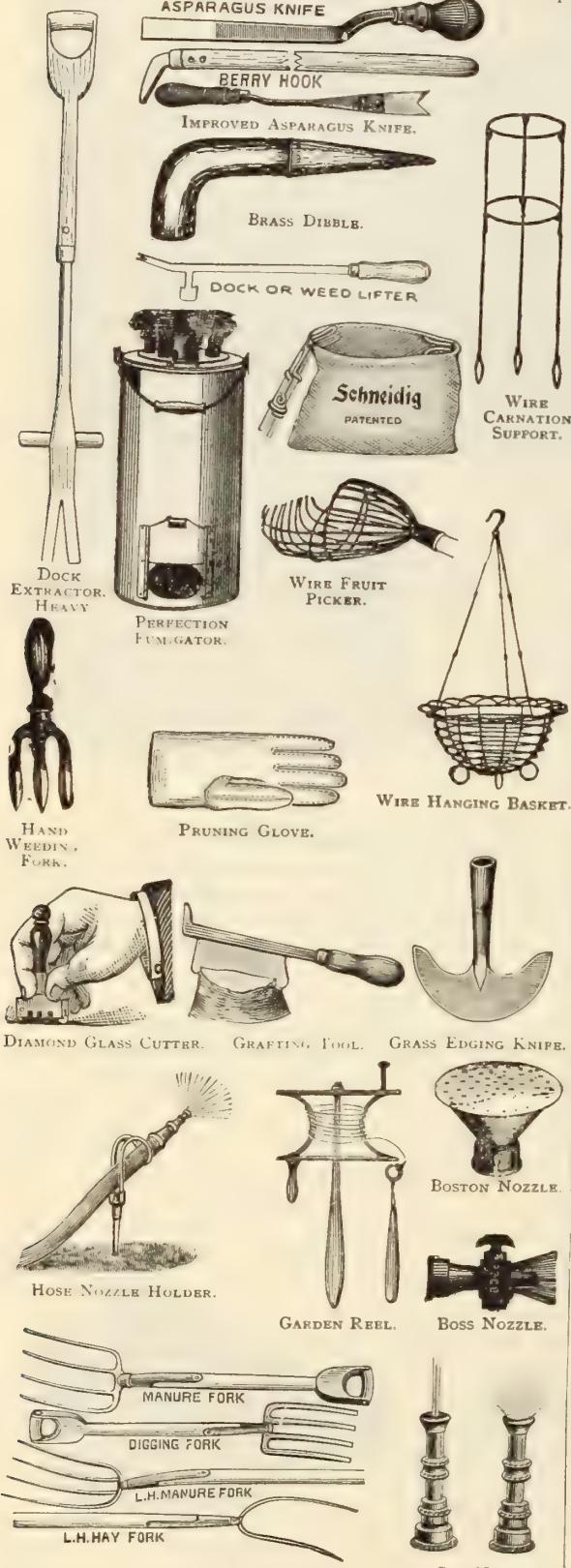
A high grade oil that will not gum. Qt., 25 cts.; $\frac{1}{2}$ gal., 40 cts.; gal., 60 cts.; 5 gals., \$2.50.



COLDWELL HORSE LAWN MOWER.

We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers, also Motor Power Mowers. Write for catalogues and prices.

THIS department aims to keep every first-class Tool and Implement needed for the easy and rapid cultivation of the Flower and Vegetable Garden. In the limited space at our command in this catalogue we can give but a few descriptions and illustrate only the most important articles; but we issue annually a special Catalogue in which the full line of Tools, Implements and Supplies are fully described and illustrated, and will be pleased to send a copy on application.



Asparagus Buncher.	Acme, \$1.75; Philadelphia...\$2 00
Asparagus Knife.	American, 30 Improved..... 40
Axe.	Best quality. Heavy, \$1.25; medium, \$1.00; light 85
Bill Hook.	Short handle, \$1.25; long handle..... 2 00
Carnation Supports.	Wire, 2 ring, doz., 45 cts.; 100..... 3 50
Dibbles.	All iron, 35 cts.; iron point, 40 cts.; brass point 50
Dock Extractors.	Heavy; for field use..... 2 00
	" or Weed Lifter.
	Small, 17 inches, 50 cts.; large, 25 inches..... 75
Forks.	Hand-weeding, steel, 25 cts.; long handle..... 40
	Digging or spading, 4-pronged, D handle, \$1.00; 5-pronged, \$1.15; boys' or ladies' 4 tine..... 60
	Manure, long handle, 4 tine, heavy, 85 cts.; 5 tine..... 1 00
	Manure, D handle, 4 tine, medium, 90 cts.; 5 tine..... 1 10
	Hay, long handle, 2 tine, 85 cts.; 3 tine..... 1 00
Fumigators.	Perfection and Eureka. The perfection is made with vapor tank. The vapor prevents scorching and makes the smoke more effective.
No. 1 Greenhouse, 10 x 20 ft.; Eureka, \$1.25; Perfection, 3 00	
" 2 " 12 x 40 ft.; " 1.75 " 3 50	
" 3 " 15 x 100 ft.; " 2.25 " 4 00	
" 4 " 20 x 100 ft.; " 3.25 " 5 50	
Fruit Pickers.	Wire, 30 cts.; Schneidig with bag attached 50
Garden Reels.	Iron; small, 50 cts.; large..... 75
	Galvanized, single, \$1.40; galvanized double, heavy.... 2 00
Garden Lines.	Best Italian Hemp, 30 ft., 20 cts.; 60 ft., 40 cts.; 90 ft., 60 cts.; 120 ft., 80 cts.; 150 ft., \$1.00; 180 ft., \$1.20; 240 ft., \$1.50; 300 ft..... 1 75
Glass Cutter.	Diamond, \$3.00 and \$4.00; steel wheel. 15
Gloves.	Used in handling or pruning thorny plants.... 1 25
Grass Edging Knives.	With handles; English steel, 8 in., \$1.35; 9 in., \$1.50; American steel, 9 in..... 75
Grass Hooks or Sickles.	English, riveted back, No. 0, 40 cts.; No. 1, 50 cts.; No. 2, 60 cts.; No. 3..... 65
	Little Giant, 50 cts.; American, 25 cts.; Dutch..... 30
Grafting Tool.	Small, 50 cts.; large. (See illustration) 75
Grafting Wax.	$\frac{1}{2}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; 1 lb..... 25
Grape Bags.	Paper, plain, per 100, 20 cts.; per 1000. 1 50
	With wire, per 100, 30 cts.; per 1000..... 2 50
Hanging Baskets.	Galvanized wire, 8 in., 15 cts.; 10 in., 20 cts.; 12 in., 25 cts.; 14 in..... 35
Hammers.	Claw, medium weight..... 60
Hatchets.	Medium or heavy..... 60
Hose Rubber for Garden and Greenhouse.	Riverton Moulded, Chicago Electric and Revere can be supplied in any length in one piece up to 500 feet, and we will cut any length desired. All others can be supplied only in 25 and 50 feet lengths. Price includes couplings.
Challenge, 3-ply, $\frac{3}{4}$ in., per ft. 10c.	Riverton Moulded, 1 in., per ft 14c
Extra quality " " " 12c.	" " " 4 in., " 16c.
Fine " " " 15c.	Chicago Electric, " " 18c.
Fine " 4-ply, " " 18c.	Revere, " " 18c.
Wire-wrapped " " 16c.	Bull-Dog, " " 16c.
Hose Nozzles.	Boston, coarse or fine, 50 cts.; Boss, 45 cts.; Gem, 35 cts.; brass combination, rose and stream .. 75
Hose Nozzle Holder.	(See illustration) .. 15
Hose Clamp.	(Sherman's), each, 5 cts.; per doz..... 50
Hose Couplers.	Brass, $\frac{3}{4}$ in., per pair, 15 cts.; per doz. 1 50
Hose Menders.	Jones, iron, each, 5 cts. per doz..... 50
	Cooper's, brass, each, 10 cts.; per doz..... 1 00
	Hudson, six tubes, pliers and bands, 65 cts.; postpaid .. 75
	" extra tubes, doz., 40 cts.; bands, doz..... 20
Hose Reels.	Wood, to hold 50 ft., \$1.75; to hold 100 ft. 2 00
	Wirt's Iron, No. 1, to hold 50 ft., \$1.50; No. 10, 100 ft., \$2.75; No. 20, 150 ft., \$3.00; No. 30, 500 ft..... 5 00
Hoes.	(See page 247.) Celery, 14-in blade, \$1.25; Grubbing 1 00
	Weeding (Fig. 1), with 4-tooth rake, 50 cts.; 6-tooth rake 60
	Half Moon (Fig. 2), 3-in., 40 cts.; 4-in., 45 cts.; 5-in., 50 cts.; 6-in., 55 cts.; 7-in., 60 cts.; 8-in..... 60
	Warren (Fig. 3), 3 sizes, 65 cts., 70 cts. and..... 75
	Scuffle (Fig. 4), 4-in., 50 cts.; 5-in., 55 cts.; 6-in., 65 cts.; 7-in., 70 cts.; 8-in., 75 cts.; 9-in., 85 cts.; 10-in..... 1 00
	Garden (Fig. 5), 1 point, 40c.; (Fig. 7), 2 point, 45c.; 3-point 50
	Square (Fig. 6), 6-in., 50 cts.; 7-in., 55 cts.; 8-in..... 60
	Potato, 4 pronged, 60 cts.; Mehler's Handy Hoe..... 1 00

SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

Spraying is essential to produce good crops of any kind, whether it be fruits, vegetables or flowers, and since the introduction of spraying apparatus, which are simple and economical, a complete Spraying Outfit is an indispensable requisite.

Send for Spray Calendar, How and When to Spray.

SPRAYERS AND SPRAY PUMPS.

“Perfect Success” Bucket Pump. One of the best. Complete with hose and nozzle, \$4.35; with extra 7 ft. hose \$5.45

Myers’ Bucket Pump. For general use. Very powerful, brass chamber 3.00

Auto Spray. Holds 4 gallons; easily carried; one pumping will spray 10 minutes. Galvanized iron, \$4.50; brass, \$6.75; extension rod, 24 in. long 25

Auto Spray Pump and Whitewashing Machine. A general purpose sprayer; fitted with 8 feet of hose, 8 feet extension pipe, with Vermorel nozzle; holds 8 gallons. Galvanized, \$11.20; brass 13.20

Woodason’s Spray Bellows. Small, \$1.25; large 1.75

Deming’s “Gardener’s Choice” Spray Outfit. A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete, with hose and nozzle 15.50

Deming’s “Century” Barrel Spray Pump. An extra powerful pump; complete with hose and nozzle 13.65

Spray Syringe Atomizer. Tin, small, 35 cts.; large 50

Brass, small, 60 cts.; large 1.00

Brass, automatic compressed air 1.25

Iron Extension Rods. For tree spraying; 4 ft. lengths 25

Bambo “ “ “ Brass lined, 8 ft., \$3.00; 10 ft. 3.25

SPRAY NOZZLES.

Bordeaux, 75 cts.; Vermorel, 75 cts.; Double Vermorel, \$2.00; Triple Velmord, \$2.75; Mistry 1.20

Demorel, 60 cts.; Mistry, Jr 75

DRY POWDER DISTRIBUTORS.

Tin Dusters. For spreading dry powders 0.35

Leggett’s “Champion” Insecticide Duster. A powerful machine for orchard and field use 8.00

Hand Powder Gun. Holds 4 ozs., 20 cts.; by mail 25

Woodason’s Double Cone Bellows 3.00

“ Large single cone, \$1.75; small single cone 1.00

“ Sulphur Bellows 1.50

Peerless Sulphur Machine Blower 4.50

Farmer’s Acme Bellows 1.00

BRASS SYRINGES.

No. A stream and spray. \$2.25

No. H. with spray only. \$2.50

“ C. “ “ 3.50

Atomizers, Tin, .35c. and 50c.

“ 2 “ “ 2 sprays 4.25

“ Brass, 60c. and \$1.00

“ 3 “ “ 2 “ 5.50

Automatic, compressed

“ 5 “ “ 2 “ 6.50

air, Brass 1.25

Watering Cans. Galvanized. Two qualities, heavy and light.

The heavy have brass tips and two copper-faced roses; the light has one rose:

	LIGHT ROUND.	HEAVY ROUND.	HEAVY OVAL.
4 qt.	\$0.40	\$1.60	
6 “	50	1.85	\$2.10
8 “	60	2.00	2.35
10 “	70	2.25	2.60
12 “	80	2.60	2.85
16 “	90	3.15	

Low, for greenhouse, galvanized \$1.50

Window garden. Light weight, painted green, 2 qt.,

50 cts.; 4 qt., 75 cts.; 6 qt 1.00

SUNDRIES.

Propagating Sand. Peck, 20 cts.; bu., 70 cts.; sack, barrel quantity, \$1.75.

Prepared Potting Soil. Peck, 20 cts.; bu., 70 cts.; sack, barrel quantity, \$1.75.

Sphagnum Moss. For growing Orchids and packing plants and trees, etc. Bbl., \$1.25; bale, \$2.50.

Jersey Peat. Bbl. or sack, \$1.75; 5 bbls., \$7.50.

Leaf Mould. Bbl. or sack, \$1.75; 5 bbls., \$7.50.

Oregon Peat. Only for Orchids. Lb., 10 cts.; per bbl., \$2.50.

Green Linen Twine. For smilax. Lb., 70 cts.

Green Cotton Twine. For tying. Lb., 50 cts.

White Cotton Twine. For tying. Lb., 25 cts.

Jute Twine. For tying plants and vegetables. 2, 3 and 5-ply. Ball, 10 cts.; lb., 15 cts.

Tar Twine. For tying mats, fodder, etc. Lb., 12 cts.

Silkaline. A strong green thread for tying plants; used for Smilax and Asparagus Vine. Per spool, 25 cts.



GARDNER'S CHOICE SPRAY OUTFIT.



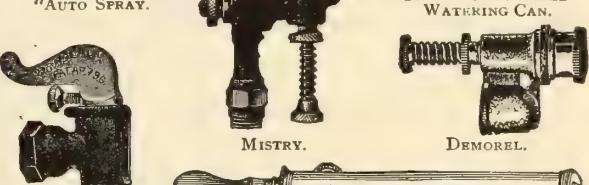
“AUTO” SPRAY PUMP AND WHITEWASHING MACHINE.



LIGHT GALVANIZED WATERING CAN.



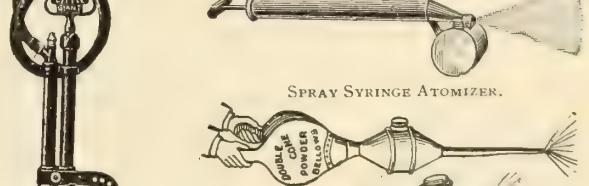
DEMING'S “CENTURY” BARREL SPRAY PUMP.



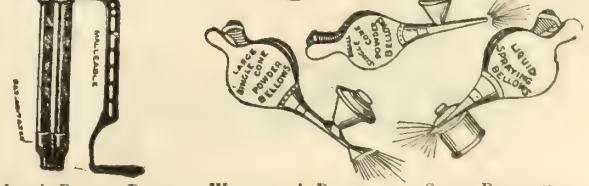
PERFECT SUCCESS BUCKET PUMP.



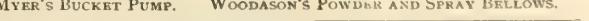
MISTRY.



DEMORÉL.



MYER'S BUCKET PUMP.



WOODASON'S POWDER AND SPRAY BELLOWS.

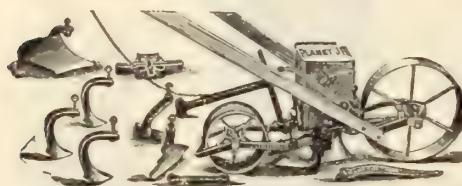
PLANET JR. GARDEN AND FARM IMPLEMENTS.



THE PLANET JR. SINGLE-WHEEL HOF IN THE VEGETABLE GARDEN



PLANET JR., NO. 25 COMBINED HILL AND DRILL SEEDER AND
DOUBLE-WHEEL HOE



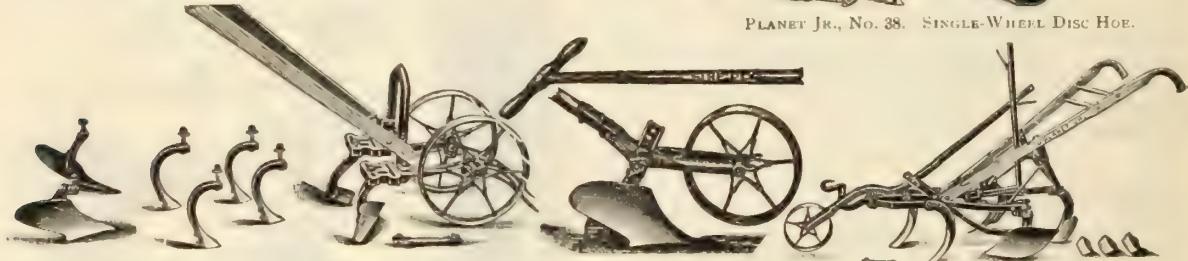
**PLANET JR., NO. 4. COMBINED HILL AND DRILL SEEDER
AND SINGLE-WHEEL HOE.**



PLANET JR., NO. 17. SINGLE-WHEEL HORSE.



PLANET JR., No. 38. SINGLE-WHEEL DISC HOE.



PLANET JR., No. 12. DOUBLE-WHEEL HOB.

FIRE-FLY HAND PLOW.

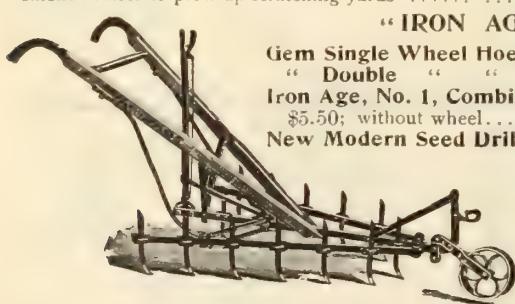
PLANET JR., No. 8. HORSE HOR AND CULTIVATOR.

Planet Jr., No. 16, Single Wheel Hoe	has 1 Plow, 2 Hoes, 3 Cultivator teeth, 2 Rakes and Leaf Lifter.	\$5 35
.. .. 17	1 Plow, 2 Hoes, and 3 Cultivator teeth	4 75
.. .. 17½	2 Hoes and 3 Cultivator teeth	4 25
.. .. 38	1 Set of Disc Hoes, two 3-prong Cultivator teeth, 1 Plow	6 50
.. .. 12 Double Wheel Hoe	2 Plows, 2 Hoes, 4 Cultivators and Leaf Lifters	6 50
.. .. 13	2 6-inch Hoes only	4 50
.. .. 14	1 Set Disc Hoes, two 3-prong Cultivator teeth, 2 Plows, 2 Leaf Lifters	7 50
.. .. 13½	1 Set of Discs only	5 50
.. .. 3 Hill Dropping and Drill Seeder only. Capacity 3 qts. Has 15-inch drive wheel.	10 00	
.. .. 4 Combined Hill and Drill Seeder and Single Wheel Hoe complete.	10 00	
.. .. 4 Hill and Drill Seeder only	8 50	
.. .. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete.	13 00	
.. .. 28 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow	14 50	
.. .. 29 Hill and Drill Seeder only	11 00	
.. .. 30 Single Wheel Hoe, Cultivator, Plow, Rake and Marker	7 50	
.. .. 8 Horse Hoe and Cultivator , with depth regulator and expander. Complete	8 50	
.. .. 9	Plain, with wheel only	7 25
Fire-fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid for the		

Fire-fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid for the chicken raiser to plow up scratching yards

"IRON AGE" GARDEN AND FARM IMPLEMENTS.

Gem Single Wheel Hoe and Cultivator , has 5 Cultivator teeth, 2 Hoes and Double Plow	5 00
“ Double “ “ “ “ “ 5 “ “ 2 “ “ “ “	6 00
Iron Age, No. 1, Combined Harrow and Cultivator. A splendid tool. With Wheel, \$5.50; without wheel.	4 90
New Modern Seed Drill	8 00



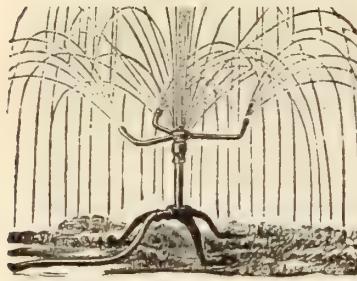
No. 1. IRON AGE COMBINED HARROW AND CULTIVATOR

Eureka Hand Seeder. A handy seeder for sowing small quantities, simple in construction, easily understood. Will sow from a small packet up to several ounces.....

SPECIAL CATALOGUE OF ABOVE IMPLEMENTS.

Containing complete descriptions and illustrations of this make of Garden and Farm Wheel Hoes, Cultivators, etc. Mailed on application.

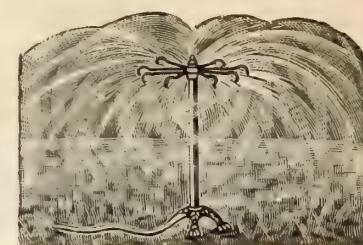
SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES



CALIFORNIA LAWN SPRINKLER ON STAND.



RUBBER SPRINKLER. STRAIGHT OR BENT.



PECK'S 8-ARM LAWN SPRINKLER.



NEW COMET LAWN SPRINKLER.



LAWN TWIN SPRINKLER.



UNIVERSAL LAWN SPRINKLER.



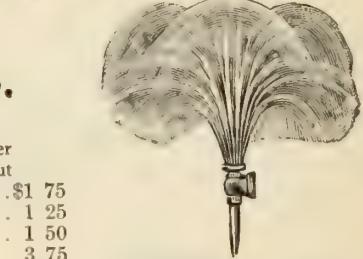
FOUNTAIN LAWN SPRINKLER.



ENTERPRISE LAWN SPRINKLER (Large).



PENNSYLVANIA LAWN CLEANER.



WATER WITCH LAWN SPRINKLER WITH SPUR.



PENNSYLVANIA BALL BEARING LAWN TRIMMER.

PENNSYLVANIA
UNDERCUT
BALL BEARING
LAWN
TRIMMER.

P.

PENNSYLVANIA
UNDERCUT
BALL BEARING
LAWN
TRIMMER.

PENNSYLVANIA UNDERCUT BALL BEARING LAWN TRIMMER.

This machine differs from all others, will do the same work and more. It is new, with a new feature—"Undercut." Will cut directly up to a wall or fence, and cut into the space under the fence, or a projecting wall. This has never been accomplished by any other Trimmer. 6-inch cut. Price, \$6.00.

PENNSYLVANIA BALL BEARING LAWN TRIMMER.

For cutting around borders and flower beds, and close to wall, fence or stone coping. 6-inch cut. Price, \$5.00.

PENNSYLVANIA GEM LAWN CLEANER.

This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash, leaving the grass standing upright, and raises up the low-growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed off before they ripen, thus preventing their reappearing the following year. This work is most effectively accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. One man can do more work than four with rakes. 24 inches wide, \$16.00; 36 inches wide, \$25.00.

(Send for Descriptive Circular.)

Lawn Flowers See page 245



SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

Flower Pots, Saucers, Pans, Orchid Baskets and Jardinieres



STANDARD FLOWER POTS.



SEED PANS.



ROUND BULB OR LILY PANS.



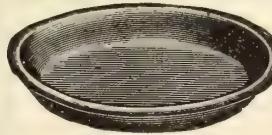
ROUND FERN PANS.



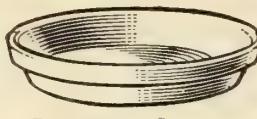
FERN DISH LINER.



WOOD FIBRE VASES.



WOOD FIBRE SAUCERS.



EARTHENWARE SAUCERS.

STANDARD FLOWER POTS.

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.	
1 $\frac{1}{4}$ in.	\$0 01	... \$0 06	... \$0 44	... \$3 46	4 in.	\$0 02	... \$0 18	... \$1 38	... \$10 89	8 in.	\$0 11	... \$1 09	... \$8 40	
2 "	1...	... 07	... 50	... 3 96	4 $\frac{1}{2}$ "	3...	24	1 88	14 85	9 "	...	16	1 56	12 00
2 $\frac{1}{2}$ "	1...	... 08	... 56	... 4 45	5 "	3...	32	2 50	19 80	10 "	...	22	2 11	16 20
2 $\frac{1}{2}$ "	2...	... 09	... 69	... 5 45	5 $\frac{1}{2}$ "	5...	41	3 13	24 75	11 "	...	29	2 81	21 60
3 "	2...	... 11	... 88	... 6 93	6 "	5...	49	3 75	29 70	12 "	...	40	3 90	30 00
3 $\frac{1}{2}$ "	2...	... 14	... 1 06	... 8 41	6 $\frac{1}{2}$ "	7...	62	4 80	44 00	14 "	...	80	7 80	60 00
3 $\frac{3}{4}$ "	2...	... 16	... 1 25	... 9 00	7 "	8...	78	6 00	55 00					

We can also furnish the Neponset Waterproof Paper Flower Pots. (Write for circular.)

Flower Pot Saucers.

SIZES.	EACH.	DOZEN.	100.
4 in.	2 cts.	15 cts.	\$1 12
5 "	3 "	18 "	1 40
6 "	4 "	24 "	1 88
7 "	5 "	31 "	2 40
8 "	6 "	47 "	3 60
9 "	8 "	62 "	4 80
10 "	9 "	78 "	6 00
11 "	11 "	94 "	7 20
12 "	15 "	1 17 "	9 00
14 "	25 "	1 95 "	15 00

Round Bulb or Lily Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
5 in.	3 in.	\$0 05	\$5 00	\$3 00
6 "	3 $\frac{1}{2}$ "	07	68	3 75
7 "	3 $\frac{3}{4}$ "	08	78	4 80
8 "	4 "	10	98	6 00
9 "	4 $\frac{1}{2}$ "	15	1 30	8 40
10 "	5 "	20	1 63	10 80
12 "	6 "	25	2 28	15 00
14 "	7 "	50	4 55	30 00
16 "	8 "	90	7 80	60 00
18 "	9 "	1 25	11 70	90 00

Fern Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
4 in.	1 $\frac{1}{2}$ in.	\$0 04	\$0 31	\$1 65
5 "	2 $\frac{1}{2}$ "	05	33	2 20
6 "	2 $\frac{1}{4}$ "	06	41	2 75
7 "	2 $\frac{5}{8}$ "	07	49	3 30
8 "	2 $\frac{3}{4}$ "	09	55	3 85
9 "	3 $\frac{1}{2}$ "	11	79	5 50
10 "	3 $\frac{3}{4}$ "	15	95	6 60

Fern Dish Liner.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
7 in.	1 $\frac{7}{8}$ "	\$0 10	\$0 75	

Wood Fibre Saucers.

EACH.	DOZ.	EACH.	DOZ.
4 in, 11 cts.	\$1 24	10 in, 18 cts.	\$2 04
5 " 13 "	1 44	12 " 21 "	2 40
6 " 14 "	1 50	14 " 28 "	3 18
7 " 15 "	1 62	16 " 49 "	5 52
8 " 16 "	1 74	18 " 58 "	6 60
9 " 17 "	1 92		

Wood Fibre Vases.

For cut flowers; neat, attractive and waterproof.			
NO.	DIAM.	DEPTH.	EACH.
0	8 in.	13 in.	\$0 65
1	5 $\frac{1}{2}$ "	10 "	56
2	4 $\frac{1}{2}$ "	9 "	48
3	4 "	6 "	41
4	3 "	4 $\frac{1}{2}$ "	32
5	9 $\frac{1}{2}$ "	22 "	2 45
6	11 "	20 "	1 26
7	15 "	18 "	65
8	22 "	15 "	56
9	33 "	12 "	48
10	44 "	9 "	41

Square Seed Pans.

EACH.	DOZ.
6 x 6 in.	\$0 20
8 x 8 "	25
10 x 10 "	30
12 x 12 "	35

Square Wood Orchid Basket.

Made of white cedar wood.	EACH.	DOZ.	100.
6 x 6 in.	\$0 35	\$4 00	
8 x 8 "	45	5 00	
10 x 10 "	55	6 00	
12 x 12 "	70	7 00	

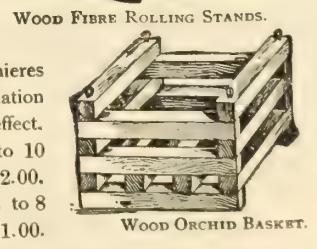
Wood Fibre Rolling Stands for Heavy Plants.

EACH.	DOZ.
12 in., for a 10 in.	\$0 58
14 "	68
16 "	84
18 "	95
20 "	115
22 "	144

New and Popular Mat Green Ware Jardinieres and Fern Dishes.

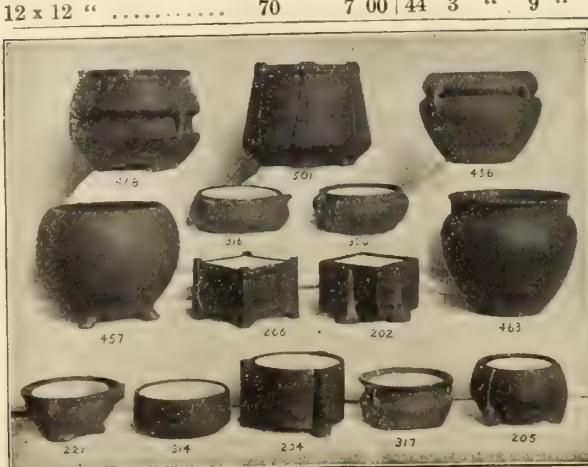
Made in artistic designs and graceful shapes, colored a rich dark green. These Jardinieres and Fern Dishes, in combination with plants, make an ideal effect. Jardinieres from 5 inches to 10 and ranging from 50c. to \$2.00. Fern Dishes from 4 inches to 8 ranging from 25c. to \$1.00.

WOOD FIBRE ROLLING STANDS.



WOOD FIBRE ROLLING STANDS.

Descriptive card with sizes and prices mailed on application.



POULTRY SUPPLIES, ETC.

We list below but a few of the leading Poultry Foods and Sundries. For complete list see our special catalogue of Tools, Implements and Supplies. Mailed free on application.

Alfalfa Meal. One of the best green foods during the winter and early spring. 50 lb. bag, \$1.25; 100 lb. bag, \$2.35.

Aluminum Adjustable Poultry Leg Bands.

For marking fowls. Plain or numbered from 1 to 100. Price, postpaid, 12 for 15 cts.; 25 for 25 cts.; 50 for 40 cts.; 100 for 65 cts.

Animal Meal. Egg-producing, flesh and bone-forming food. Just what laying hens and growing chicks require. 5 lbs., 20 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.50; 100 lbs., \$2.75.

Beef Scraps. Made specially for us from healthy fresh meat. A splendid winter food. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.75; 100 lbs., \$3.25.

Chick Flanna. This should be the first and only food given the first 10 to 12 days. Full directions on each package. 1 lb., 10 cts.; 5 lbs., 40 cts.; 15 lbs., \$1.10; 60 lbs., \$4.20.

Conkey's Roup Cure. Roup is the most fatal and dreaded of poultry diseases. It is very contagious. Directions should be followed as given with each package. It prevents colds and is especially recommended for pigeons. Guaranteed to cure roup in all stages. 50 cts. and \$1.00.

Cut Clover Hay. Has great value as a food. Tones up fowls and improves their general health. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25.

Spratt's Dog Biscuit. This dog bread is made in the form of a square cake, and contains ingredients that benefit the dog in many ways. 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lb. box, \$6.50.

Dreer's Galvanized Poultry Founts. These Founts are made of heavy galvanized iron; they are easily cleaned, are not injured by freezing; water can be kept constantly fresh; made in four sizes; for small chicks as well as large poultry; just the Fount to be used in a brooder. 1 qt., 25 cts. each, \$2.50 per doz.; 2 qts., 30 cts. each, \$3.00 per doz.; 4 qts., 40 cts. each, \$4.00 per doz.; 8 qts., 60 cts. each; \$6.00 per doz.

Dr. Hess Poultry Pan-a-ce-a. Makes poultry healthy, makes hens lay; not a stimulant, but a tonic, that tones up the bird. 1 1/2 lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., \$1.25; 25 lb. pail, \$2.50.

Earthenware Nest Bowls for Pigeons. Made very heavy, so that they will not upset. Price, 10 cts. each; \$1.00 per doz.

French Poultry and Squab Killing Knife. The most expeditious and humane way of killing and dressing poultry is by using this knife. Made of the finest steel. Price, with instructions. 50 cts.

Gape Exterminator. For removing the worms from the throat and windpipe of chickens. Silver wire. Price, 25 cts., with instructions. Horsehair Extractors, 10 cts.

Ground Charcoal. This is excellent for young and old chicks; should be kept constantly in reach of small chicks. Will prevent diarrhoea, if fed once or twice a week. Price, per lb., 10 cts.; 5 lbs., 30 cts.; 10 lbs., 45 cts.; 25 lbs., 75 cts.; 100 lbs., \$2.50.

Imperial Egg Feed. Very useful for making hens lay winter and summer. Acts as a tonic during moulting, and keeps them in good condition at all times. 26 oz. package, 25 cts.; 60 oz. package, 50 cts.

Lambert's Death to Lice. (Powder.) 15 oz. package, 25 cts.; postpaid, 40 cts.; 3 lb. package, 50 cts.; 100 oz. package, \$1.00.

Marking Punch. For marking young and old chickens in the web of the foot. Postpaid, 25 cts.

Medicated Nest Eggs. Used as a disinfectant. Made of a composition of tar camphor. Each, 5 cts.; per doz., 50 cts.

Mica Crystal Grit. To aid digestion it is necessary to feed some gritty material. We can supply this in two grades, fine for chicks and birds, coarse for fowls. Price, 5 lbs., 10 cts.; 25 lbs., 30 cts.; 100 lbs., 85 cts. Special price by the ton.

Peerless Chick Feed. A mixture of grains, producing quick, healthy growth. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.50; 100 lbs., \$2.75.

Peerless Poultry or Scratch Feed. A mixture of various grains; coarse ground for large fowls. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs., \$1.25; 100 lbs., \$2.25.

Porcelain Nest Eggs. Each, 5 cts.; per doz., 25 cts.; by mail, 50 cts.

Poultry Bone. A selected grade, and much used by leading poultry men. 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50.

Pratt's Poultry Regulator. Excellent either for small chicks or large fowls. 1 1/2 lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., \$1.25; 25 lbs., \$2.50.

Prepared Oyster Shells. Made from shells in a pure condition. The lime contained in the shells assists in the formation of the egg, and contributes to the general health of the fowls. A handful to five fowls daily will be found valuable at all seasons of the year. Coarse or fine. 5 lbs., 10 cts.; 25 lbs., 30 cts.; 100 lbs., 75 cts. Special price by the ton.

Sanitary Galvanized Grit, Shell and Feed Box. Three spaces; made of heavy galvanized iron; saves waste; hangs on a nail; cheap and convenient. Price, 50 cts. each; \$5.00 per doz.

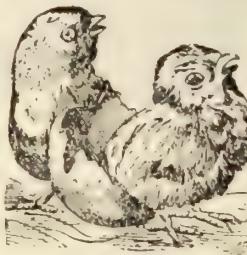
Sexton Dry Feed Hopper. Easy to fill and does not waste the feed. Rat and mouse proof. Made of heavy galvanized iron. No. 1, poultry size, \$1.00; No. 2, chicken size, 90 cts.

Sheridan's Condition Powder. Strictly a medicine for the prevention and cure of all poultry diseases. 25 cts. and \$1.00 per package; by mail, 30 cts. and \$1.25.

Stoneware Drinking Founts. 1 qt., 25 cts.; 2 qts., 35 cts.; 3 qts., 45 cts.; 4 qts., 50 cts.

Sturtevant's Poultry Cure. For the ailments of all varieties of Poultry, Chickens, Turkeys, Geese, Ducks, etc. A guaranteed cure for all diseases of Birds—Fever, Cholera, Drooping, Roup, Swell Head, Gapes, Influenza, etc. 1 lb., 25 cts.; 2 lbs., 50 cts.

Wire Hen's Nest. Supported on walls by hooking over two nails. Each, 15 cts.; per doz., \$1.25.



STONEWARE FOUNT.

SEND FOR CATALOGUE OF TOOLS, IMPLEMENTS AND SUPPLIES

INSECTICIDES AND FUNGICIDES.

Insecticides and Fungicides marked * can be sent by Parcel Post at purchaser's expense. Consult your local Post Office for rate from Philadelphia.

***Ant Exterminator.** A powder for destroying ants in house, lawn and garden. $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb. 50 cts.; 1 lb. \$1.00.

Aphine. The insecticide that kills plant lice of every description; thrip and red spider a strong nicotine extract; dilutes 1 part to 40 parts of water. 1 qt., \$1.00; 1 gal., \$2.50.

***Aphis Punk.** A nicotine paper for fumigating greenhouses. Box, 60 cts.; case of 12 boxes, \$6.50.

Arsenate of Lead. The best of all arsenical insecticides; for leaf-eating insects; does not burn the foliage, and as it shows white you can tell just what has been sprayed. Apply at rate of one oz. to one 1 gallon. Lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$7.25. Special price on large quantities.

Arsenate of Lead. (Dry powdered.) Is produced under a new process. Contains at least 33 per cent. arsenic. Superior to paste arsenate, stands suspension longer, and has more covering capacity. 1 lb., 35 cts.; 2 lbs., 65 cts.; 5 lbs., \$1.50; 10 lbs., \$2.25; 25 lbs., \$5.00; 50 lbs., \$9.00; 100 lbs., \$17.25.

Arsenate of Zinc. (Paste.) A quick acting adhesive insecticide for Rose Bugs and Beetles on potatoes and other truck crops. 1 lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 90 cts.; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.00; 100 lbs., \$8.25.

Black Leaf. A nicotine solution, for spraying or fumigating. 1 gal., \$1.25; 5 gals., \$5.00.

Bordeaux Mixture. (Paste.) The supreme remedy against Fungous, Rust, and all kinds of rot. Five ozs. to one gal. of water is standard strength. 1 lb., 20 cts.; 2 lbs., 30 cts.; 5 lbs., 75 cts.; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.25; 100 lbs., \$7.25.

Bordeaux—Arsenate of Lead Mixture. A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for roses, keeping them free of mildew, black spot and insects. Three ozs. to one gal. of water. 1 lb., 25 cts.; 2 lbs., 40 cts.; 5 lbs., 80 cts.; 10 lbs., \$1.30; 25 lbs., \$2.75; 50 lbs., \$5.00; 100 lbs., \$7.75.

Bordeaux Mixture. (Liquid.) For all fungous diseases. By adding water it is ready for use. 1 qt., 40 cts.; 1 gal., \$1.00; 5 gals., \$4.50. One gal. will make one barrel liquid.

Bordeaux Mixture. (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1 lb. box, 20 cts.; makes 5 gals. spray; 5 lbs., 90 cts.

Cattle Comfort. Used as a spray, will relieve cattle, mules, horses and dogs from the effects of flies, gnats and mosquitos. Qt. can, 45 cts.; gal. can, \$1.15; 5 gal. can, \$5.00.

Copper Sulphate. For early spraying and making Bordeaux Mixture. Lb., 15 cts.; 10 lbs., \$1.25; 25 lbs., \$2.50.

Fairmount Weed Killer. The method of killing weeds thoroughly by application of this liquid has become general. It is a great labor-saver. It is to be used only on paths, drives, gutters and places where no growth is wanted. One gallon will make 50 gallons of treating liquid, sufficient to cover 150 square yards of surface. Price, 1 qt., 50 cts.; $\frac{1}{2}$ gal., 75 cts.; 1 gal., \$1.25; 5 gals., \$6.00; 10 gals., \$11.00; 50 gal. bbl., \$45.00.

***Fir Tree Oil Soap.** For destroying mealy bugs, scale, aphis, red spider. $\frac{1}{2}$ lb., 25 cts.; 2 lbs., 75 cts.

***Grape Dust.** For mould, mildew, or rust mites. 5 lbs., 40 cts.; 25 lbs., \$1.75; 100 lbs., \$6.00.

Good's Caustic Potash Fish Oil Soap. Recommended as a summer and winter wash for scale and all insects. 1 lb., 20 cts.; 5 lbs., 80 cts.; 25 lbs., \$2.75; 100 lbs., \$7.00.

***Hellebore.** For currant worm and sucking insects. $\frac{1}{2}$ lb., 13 cts.; $\frac{1}{2}$ lb., 20 cts.; 1 lb., 35 cts.; 5 lbs., \$1.40.

***Insect Powder.** (Pure Dalmatian.) For roaches, ants, fleas, etc. $\frac{1}{2}$ lb., 15 cts.; $\frac{1}{2}$ lb., 30 cts.; 1 lb., 50 cts.

Kerosene Emulsion. (Paste.) Used as a summer wash against scale, plant lice and aphis. Dilute with water. 1 lb., makes 10 gallons of spray, 20 cts.; 5 lbs., 60 cts.; 25 lbs., \$2.50.

Kerosene Emulsion. Concentrated. (Liquid.) For plant lice and aphis. Qt., 40 cts.; 1 gal., \$1.00; 5 gals., \$4.50.

Kil-Worm. Destroys worms, ants and grubs infesting lawns; does not injure grass, but acts rather as a fertilizer. One gallon makes 50 gallons of liquid. 1 qt., \$1.00; $\frac{1}{2}$ gal., \$1.75; 1 gal., \$3.00; 5 gals., \$9.00.

Kil-O-Scale. (Sulphonated Oil.) Testimonials from leading experimental stations prove it the best remedy against scale. Apply while trees or shrubs are dormant. (Send for special

circular.) 1 pt., 30 cts.; qt., 50 cts.; $\frac{1}{2}$ gal., 75 cts.; gal., \$1.25; 2 gals., \$2.25; 5 and 10 gals., \$1.00 per gal.; barrels and half barrels, 85 cts. per gal.

Lemon Oil Co's. Insecticide. For all insects and soft scale. One of the best known insecticides, having a pleasant odor, is highly recommended for house plants. $\frac{1}{2}$ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00; 5 gal. keg, \$9.00. Dilute 30 to 50 parts of water.

Lime Sulphur Solution. A perfect scale and Fungous destroyer; special for Plum and Peach Trees, which need fall and spring treatment; cures Peach leaf curl. Use during dormant period. Dilute with 10 parts of water. $\frac{1}{2}$ gal., 45 cts.; gal., 75 cts.; 5 gals., \$2.25; 10 gals., \$3.00; $\frac{1}{2}$ bbl., \$5.00; bbl. of 50 gals., \$9.00. Special price on large quantities.

B. T. S. A dry substitute for Lime sulphur solution. This combination is the most active remedy for San Jose and Oyster shell scale. 3 lbs., 60 cts.; 16 lbs., \$2.00; 32 lbs., \$3.00; 50 lbs., \$3.75; 75 lbs., \$4.50; 150 lbs., \$7.50; 300 lbs., \$14.70.

Little's Antipest. A liquid preparation for all insects. 1 qt. can, 60 cts.; $\frac{1}{2}$ gal. can, \$1.00; 1 gal. car, \$1.75.

Nicoticide. Fumigating compound. $\frac{1}{2}$ pt., 70 cts.; $\frac{1}{2}$ pt., \$1.25; pt., \$2.50; 1 qt., \$4.50; 1 gal., \$15.00. Vaporizing lamp, 50 cts.

***Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method for fumigation ever devised. Tin box of 24 sheets, \$1.00; box of 144 sheets, \$4.50; 288 sheets, \$8.50.

Nico Fume Liquid. An effective vaporizing liquid. $\frac{1}{2}$ lb., 60 cts.; 1 lb., \$2.00; 4 lbs., \$7.00; 8 lbs., \$13.50.

Nikoteen. An economical and powerful nicotine extract. One part to 600 of water is sufficiently strong to kill all insects, except scale, for which use 1 to 400. The most effective remedy against aphis and fly insects. Bottle, 40 cts.; $\frac{1}{2}$ lb., 85 cts.; 1 lb., \$1.50; 8 lbs., \$10.00.

Paris Green. For potato bugs and other eating insects. $\frac{1}{2}$ lb., 20 cts.; 1 lb., 30 cts.; 5 lbs., \$1.25.

Pruning Compound. A specially prepared thick paint, with a rubbery, elastic film. Just the thing to use after pruning your trees. 1 qt., 40 cts.; 1 gal., \$1.20.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato growers. 1 lb., 25 cts.; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$4.00; 100 lbs., \$13.50.

***Rat Corn.** Sure death to rats and mice; not poisonous to other animals. 25 cts., 50 cts. and \$1.00 size cans.

Readeana Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. Bottle, 25 cts., 50 cts., \$1.00 and \$2.00; per gal., \$4.00.

Scaleside. As a winter spray for scale. 1 gal. to 20 gals. of water. 1 gal., \$1.00; 5 gals., \$3.25; bbl. 50 gals., \$25.00.

***Slug Shot.** One of the cheapest and best powders for destroying insects, especially on Cabbage. 1 lb. carton, 15 cts.; 5 lbs., 30 cts.; 25 lbs., \$1.40; 50 lbs., \$2.75; 100 lbs., \$5.00.

Soluble Oil. An excellent Scale remedy. Specially good for lawn trees and hedges, as it will not stain. Use during dormant period. Dilute with 15 to 20 parts of water. 1 gal., \$1.00; 5 gals., \$3.65; 10 gals., \$6.65; half bbl., 50 cts. per gal.; bbl. of 50 gals., 45 cts. per gal.

***Sulphur, Powdered.** For mildew. Lb., 10 cts.; 5 lbs., 40 cts.; 10 lbs., 60 cts.; 50 lbs., \$2.50; 100 lbs., \$4.00.

***Tobacco Dust.** For dusting plants affected with aphid; also used on squash vines and melons, and for fumigating. Coarse or fine. 1 lb., 10 cts.; 5 lbs., 25 cts.; 25 lbs., \$1.00; 100 lbs., \$3.50.

Tobacco Stems. For fumigating. Also for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles. Per bbl., \$1.00; per bale of about 250 lbs., \$2.00.

***Tree Tanglefoot.** The best remedy against Caterpillars and all tree crawling insects. Remains sticky for three months. 1 lb., 30 cts.; 3 lbs., 85 cts.; 10 lbs., \$2.65; 20 lbs., \$4.80.

***Whale or Fish Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 20 cts.; 2 lbs., 35 cts.; 5 lbs., 60 cts. Special prices on large quantities.

Worm Eradicator. For removing worms of any kind in greenhouse and potted plants, etc., without injury to the most delicate plants. Bottle, 50 cts. and \$1.00.

FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE

Fertilizers marked * can be sent by Parcel Post at purchaser's expense. Consult your local Post Office for rate from Philadelphia. All Fertilizers delivered free-on-board Philadelphia. We are compelled, on account of the scarcity of raw material, to eliminate many brands of fertilizer. Prices subject to change without notice.

Dreer's "Peerless" Plant Food for House Plants.

(Odorless.) The best Plant Food on the market. May be used either dry or liquid, the latter much the best, being immediately available to the plant, and less danger of giving an overdose. Put up in $\frac{1}{2}$ and 1-lb packages. Directions for use with each package. 15 cts. and 25 cts.; by mail, 25 cts. and 40 cts. Registered in Pennsylvania.

Dreer's "Peerless" Plant Food for Lawn and Garden.

(Odorless.) A high grade fertilizer. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden, where it can be applied any time during the growing season. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.00.

Animal Base and Potash Compound.

(Baugh's.) For all crops. Superior for broadcasting in spring prior to harrowing. 2 per cent. ammonia, 8 per cent. Av. Ph. Acid, 2 per cent. potash. Per sack, 200 lbs., \$3.25.

Blood.

(Dried.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs., 30 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75.

Bone Flour.

(Baugh's.) Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 25 cts.; 100 lbs., \$2.50; bbl. of 200 lbs., \$4.50.

Pure Bone Meal.

(Baugh's.) A standard fertilizer for all purposes, safe and effective. 3 lbs.,

15 cts.; 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs.,

\$1.25; 100 lbs., \$2.00; 200 lbs., \$3.75.

Ground Bone.

(Baugh's.) A little coarser than above; excellent for grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs.,

\$2.00; sack of 200 lbs., \$3.75.

Coarse Bone.

(Baugh's.) Ground coarse, for grape borders and poultry. A superior fertilizer to use when planting shrubbery and trees. 5 lbs., 25 cts.; 50 lbs., \$1.50; 100 lbs., \$2.50.

Fine Ground Bone.

(Baugh's.) Contains 3 per cent. ammonia, 16 per cent. phosphoric acid. 100 lbs., \$1.75; 200 lbs., \$3.25.

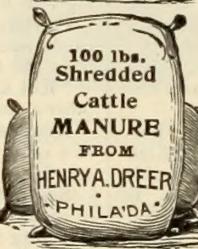
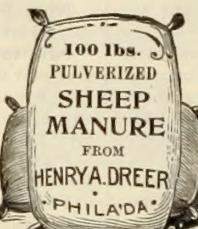
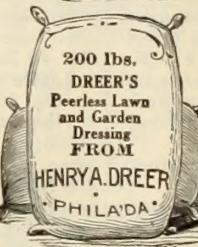
Cattle or Cow Manure, Shredded.

We are now in a position to offer this manure put up in sacks for convenient handling. For garden, lawn and greenhouse, and especially good to mix with compost and for water lilies. 100 lbs., \$2.00; 500 lbs., \$9.00; 1000 lbs., \$16.00; per ton, \$30.00.

Clay's Fertilizer.

(Imported.) Recommended to all who grow either fruit, flowers or vegetables. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. 28 lbs., \$2.00; 56 lbs., \$3.50; 112 lbs., \$6.50.

Anyone desiring to purchase Fertilizer in large quantities write for prices.



Hard-wood Ashes. Indispensable as a lawn dressing, or to apply to orchards. Should be applied late in fall or early spring at the rate of 1000 to 1500 lbs. per acre. 5 lbs., 20 cts.; 10 lbs., 35 cts.; 25 lbs., 60 cts.; 100 lbs., \$1.50; per bbl., \$2.50; per ton, \$22.00. Special price by the car.

Land Plaster. Much used in composting or mixed with guano, etc. 100-lb. bag, \$1.00; bag, 200 lbs., \$1.50; per ton, \$10.00.

Lime. (Hydrated.) For lawn and field use where the ground has become sour. 100 lbs., \$1.00; ton, \$12.50. Special price by the car.

Manure. We can supply fresh horse manure at short notice in carload. Write for prices.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground, when 200 to 300 lbs. mixed with land plaster is sufficient per acre. Nitrate of Soda does not exhaust the land. 5 lbs., 25 cts.; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$3.75. Large quantities, prices on application.

Poudrette. (Native Guano.) Contains all the elements necessary for plant life; used extensively by market gardeners. An excellent lawn top-dressing. Per 100 lbs., \$1.50; 200 lbs., \$2.75; 1000 lbs., \$9.50; per ton, \$18.00.

Salt, Agricultural. For top dressing asparagus beds. Apply very early in spring at the rate of 800 to 1000 pounds per acre. 200 lbs., \$1.50; per ton, \$10.00.

Sheep Manure, Pulverized. (Wizard Brand.) A pure natural manure, unequalled for mixing with potting soil, for lawns, general vegetable and flower garden fertilizer, for making liquid manure water or for any purpose where quick as well as lasting results are wanted. 2-lb. package, 15 cts., 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.25; 100 lbs., \$2.00; 500 lbs., \$9.00; 1000 lbs., \$16.00; ton, \$30.00.

Soot. The leading growers recommend the use of soot to produce plants of a good healthy color; destroys insects and grubs in the soil, and should be spread on greenhouse staging and flower beds, then stir the soil. 25 lbs., \$1.00; 112 lbs., \$3.75.

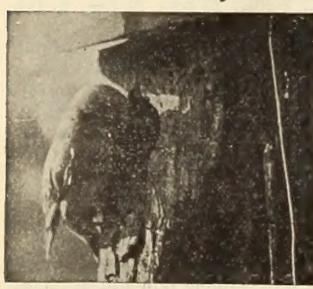
Tobacco Stems. An indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. Bbl., \$1.00; bale, \$2.00; ton, \$12.00.

Wheat Fertilizer. (Baugh's.) This brand combines in available form the necessary elements for the growth of all grain and grass. Ammonia, 2 per cent.; Phos., Acid, 8 per cent.; Potash, 2 per cent.; Nitrogen, 1.65 per cent. Sacks of 200 lbs., \$3.25.

HOW TO ATTRACT THE BIRDS

SEND FOR

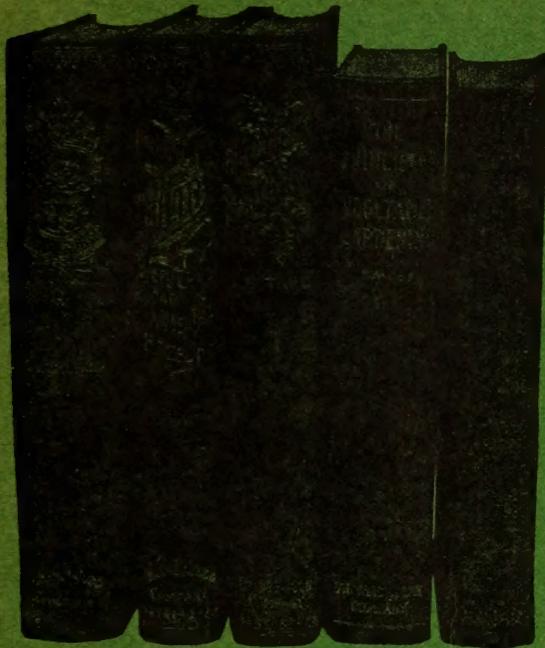
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